NEW WIRELESS PIONEERS BAMPTON BOOKS

CATALOG #21

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CATALOG # 21 - JUNE 1998

JAMES AND FELICIA KREUZER, PROPRIETORS

Yeah, I know- it's been a long time since my last catalog- 11 months to be exact! That means my stock contains some real goodies! We've been extremely busy with Christy and her graduation (High School) as well as making various trips to the West coast and Europe.

We purchased a large library in England, which we will be working on for our next catalog. I also obtained a major collection of early books on Tesla and medical electricity from an island in Washington; you'll be seeing those in the future!

Joe Knight's bibliography received a nice welcome- it has become the best way to keep track of your pre- 1920 wireless books. We still have copies in stock, and the price remains $2.00, so let us know if you'd like a copy with your order.

We don't have a web page yet, but after talking to other people I've heard it takes a long time to answer the email that comes in and I just don't have the extra time right now. Many customers have asked why we don't keep our inventory on a web-site, or list it on some of the major bookseller's sites. We've decided it would be unfair to our established customers who don't have access to the web, so for right now we'll just keep putting out our catalog the way it's always been done and continue to monitor the website possibilities. We send our regards to all and hope your summer is great, and as always enjoy our catalog!

Best Wishes, The Kreuzers

TERMS OF SALE

1. Shipping $1.00 per book on orders under $25.00; orders over $25.00 are shipped free, except as noted.

2. All payments are to be in U.S. funds. English customers may forward payment to Len Kelly, 6 Redlands, Blundells Road, Tiverton, Devon EX16 4DH, His phone # is 1884 256170, He always carries a nice selection of books on broadcasting!

3. Overseas customers must pay shipping costs- $ 3.00 PER BOOK

4. Books are guaranteed and may be returned for any reason within 7 days of receipt.

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THE COVER ILLUSTRATION IS FROM ITEM # 339 ON PAGE 50

AMATEUR BOOKS

1. **(INSTRUCTION MANUAL); National Model HRO-7 Radio Receiver** . 1st edition, 1947. A seldom seen original instruction manual for the HRO-7; it includes a circuit description as well as installation & operating instructions. Alignment data, voltage measurements, parts list & layout and a schematic are here as well. A brown sheet of stiff paper is glued to the back cover. 26 pages. Good + condition. Scarce. Softcover. $25.00

2. **(PERIODICAL); CQ Magazine- March 1945** . 1st edition, 1945. This is Volume 1, No. 3 of the famous radio amateur's journal. A nice copy of a hard to find issue, the only defect is 1" missing off the top corner of the last page. 40 pages. Good + condition. Scarce. Softcover. $15.00

3. **(PERIODICAL); CQ Magazines- 1947 - 1949** . 1st edition, 1947. This is a run of CQ magazine from December, 1948 (Volume 3 # 12) up to December, 1949. There are 4 issues missing; April. May July and August of 1949. They are in good condition with some wear, all covers are present. There is a total of 23 issues, these early issues are getting tough to find! (Just found Dec. 1946 & July, 1947- they're included!) 999 pages. Good + condition. Scarce. Softcover. $45.00

4. **(PERIODICAL); QST December 1915** . 1st edition, 1955. Not Really! Actually its an exact reroduction which QST included with the 50th anniversary issue, in December, 1955. It is nicely bound in the fancy QST simulated leather bound volume # 49 for the 1955 year. I compared the repro with my original & it's very close, right down to the light blue cover! If you can't find the original, this will work!! 1200 pages. Fine condition. Scarce. $45.00

5. **(PERIODICAL); Short Wave Craft** . 1st edition, 1930. A solid run of the first 2 years of this important publication, from June 1930 thru April 1932; Vol.1 #1.- Vol.2 # 6, a total of 12 issues. Complete with color covers and in beautiful condition, they are the nicest copies of this scarce magazine that I've ever seen! The 2 bound volumes include a colorful 1930 Short Wave Manual pub. by Radio News. 930 pages. 999 photos. 999 illus. Very Good condition. Rare. $255.00

6. **(PERIODICAL) RADIO NEWS; Special U.S. Army Signal Corps Issue** . 1st edition, 1942. This is the November, 1942 issue of Radio News, a special issue dedicated to every facet of the Signal Corps, including its history, training, development, procedures, as well as heroes. Pictured are hundreds of photos of WWII equipment, the battlefield and maneuvers. An extra nice copy of this special issue. 282 pages. Very Good condition. Scarce. Softcover. $30.00

7. **(TRADE CATALOG); Wholesale Radio Service Co. Inc.** . 1st edition, 1932. A wonderful catalog filled with early amateur radio equipment. Some of the names include National, Hammarlund, REL and even Lafayette, who produced a receiver much like the SW-5! Transmitters, Receivers, tubes and keys are among the many items pictured. 25 pages. Very Good condition. Scarce. Softcover. $30.00

8. **(TRADE CATALOG); The Walter Ashe Radio Co. 1953** . 1st edition, 1953. A wonderful annual catalog filled with all kinds of amateur radio receivers, transmitters, tubes, parts and books. Also included are telegraph keys, audio equipment & test equipment. The cover is colorful and it shows very little use. 160 pages. Very Good condition. Scarce. Softcover. $30.00

9. **(TRADE CATALOG); The Walter Ashe Radio Co. 1950** . 1st edition, 1950. A nicely illustrated catalog which includes many different amateur receivers and transmitters, as well as tubes, antennas, keys, bugs and test equipment. Some of the manufacturers include Hallicrafters, National, Collins, Hammarlund and RME. A great reference tool for the BA collector! 159 pages. Very Good condition. Scarce. Softcover. $30.00

10. **(TRADE CATALOG) WHOLESALE RADIO CO.; 1936 Amateur Radio Equipment Catalog No. 60** . 1st edition, 1936. An early catalog dedicated to ham radio equipment, showing many really neat transmitters, receivers, microphones, output tubes, keys and antennas. Some of the brands include Hallicrafters, National, RCA, UTC, Thordarson, Lafayette, Hammarlund, Sargent and Tobe. The spine is worn along the edge, o/w a very nice catalog. 69 pages. Good + condition. Scarce. Softcover. $45.00

11. **ARRL; The Radio Amateur's Handbook** . 1st edition, 1942. The "Special Defense Edition" designed to assist in training both servicemen and civilians in amateur communication theory and practice. Contains many articles on the construction of receivers, transmitters and antennas. The top 1/2" of the spine is missing. 288 pages. 999 illus. Good + condition. Scarce. Softcover. $25.00

12. **ARRL; The Radio Amateur's Handbook** . 12th edition, 1935. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. A very nice copy of hard to find edition. 246 pages. Very Good condition. Scarce. Softcover. $55.00

13. **ARRL; The Radio Amateur's Handbook- Hardcover Bicentennial Edition!** . 53th edition, 1976. Every year a new edition is published by the ARRL to alert the amateur as to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas; there is a 26 page chapter on vacuum tube characteristic. This is the first hardcover version I've seen, in beautiful shape! 664 pages. 999 illus. Very Good condition. Uncommon. $35.00

14. **ARRL; The Radio Amateur's Handbook** . 10th edition, 1933. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, & antennas, as well as the fundamentals for getting started. Some wear on the spine and the blank endpaper & title page have the owners name written 234 pages. Good condition. Rare. Softcover. $55.00

15. **ARRL; The Radio Amateur's Handbook** . 20th edition, 1943. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful catalog of amateur gear is included at the rear of the handbook. 580 pages. 999 illus. Very Good condition. Scarce. $40.00

16. **ARRL; The Radio Amateur's Handbook** . 22th edition, 1945. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Includes data charts on receiving and transmitting tubes, as well as many construction projects for various transmitters and receivers. 512 pages. 999 illus. Very Good condition. Scarce. $30.00

17. **BALANIS, CONSTANTINE A.; Antenna Theory: Analysis and Design** . 1st edition, 1982. This comprehensive volume provides the fundamental principles of antenna theory and applications to analysis, design and measurement. An excellent reference for both the engineer and amateur radio enthusiast. From dipoles to loops & arrays, they're all covered in this volume! 790 pages. 479 illus. Very Good condition. Uncommon. $50.00

18. **BRABAND, KEN C.; The First 50 Years: A History of Collins Radio Company & Collins Rockwell Int'l** . 1st edition, 1983. This is the only history of the famous Collins Radio Co. that was ever written. It covers from the time when Arthur Collins built his first crystal set to the world-renowned leader in communications it has become. A nearly complete product history is included, listing most of their equipment, as well as an extensive bibliography & an illus. D/J. 219 pages. 197 photos. Very Good condition. Scarce. $115.00

19. **COLLINS RADIO COMPANY; Collins 51J-3 Communications Receiver Instruction Manual** . 1st edition, 1951. This is an original Collins Manual that includes the installation, adjustment, operation, circuit description, maintenance, trouble shooting, and alignment of this popular receiver. There are many block diagrams, schematics, and even a complete parts list in this book. 90 pages. Very Good condition. Rare. Softcover. $40.00

20. **COLLINS, A. FREDERICK; The Radio Amateur's Handbook** . 7th edition, 1933. An excellent reference work which details the theory and construction of wireless apparatus. All of the various receiving and transmitting circuits are explained, including many illustrations. This edition covers both mechanical and cathode ray television receivers, as well as UHF. The rear cover is slightly creased. Not the ARRL Handbook!! 419 pages. 20 photos. 107 illus. Good + condition. Uncommon. $25.00

21. **DEPT. OF NATIONAL DEFENCE; Wireless Set (Canadian) No. 19 Mark III Working Instructions** . 1st edition, 1942. This is the complete operating instructions, technical description and maintenance manual for the popular wireless set. The various control units are described, including many photos, tables and diagrams. Though the covers are somewhat soiled, this is a nice tight copy. 135 pages. Good + condition. Scarce. Softcover. $25.00

22. **DEPT. OF THE ARMY AND THE AIR FORCE; TM 11-826 Radio Transmitters BC-610 -E-F-G-H-I; Transmitter T-213 & BC-939 A & B** . 1st edition, 1952. This TM book contains the theory, operating instructions, maintenance instructions and auxilary equipment information for this important "Boatanchor" of WWII Vintage. Includes many photos, diagrams and fold- out schematics for the BC-610. Used very little, if at all! 151 pages. 98 illus. Very Good condition. Scarce. Softcover. $30.00

23. **ECCLES, W. H.; Continuous Wave Wireless Telegraphy** . 1st edition, 1921. This book, the first one devoted solely to the discovery of C.W. transmission, encompasses all of the facets needed to design and build your own station. An excellent historical summary is included, along with a chapter on vacuum tube transmitters. There is slight wear on the spine, overall, a nice copy of a hard to find book. 407 pages. 306 illus. Very Good condition. Rare. $80.00

24. **EVENSON, R.C. AND BEACH, O.R.; Surplus Radio Conversion Manual, Vol.2** . 1st edition, 1948. This generously illustrated volume is dearly sought by hams who love using old army surplus gear. Surplus gear covered are as follows: ARC-5 "Command" series (both receivers and transmitters), BC-375, and the ever popular type LM Frequency Meter. 124 pages. Very Good condition. Uncommon. Softcover. $25.00

25. **EVERITT, WILLIAM LITTELL; Communication Engineering** . 2nd edition, 1937. A well balanced course in theory and applications of the various circuits making up radio transmitters and receivers. At the end of each chapter there is a concise bibliography. 727 pages. 411 illus. Very Good condition. Uncommon. $15.00

26. **GAGER, F. MALCOLM AND OTHERS; Radio Transmitters** . 2nd edition, 1943. Published by ITC, this is a 2- Volume set which is divided into 5 parts; Fundamental Transmitter Circuits; Radio-Telegraph Transmitters; Radio-Telephone Transmitters; Broadcast Transmitters; and Radiomarine Installations.All areas of transmitters are covered, including amateur, broadcast and commercial types 278 pages. 154 illus. Very Good condition. Scarce. $30.00

27. **GRAY, LAURENCE AND GRAHAM, RICHARD; Radio Transmitters** . 1st edition, 1961. This book contains a wealth of technical information on the operation and maintenance of radio transmitters. It presents a practical analysis of transmitter operation in all its various phases. Circuits, components and the design & testing of transmitters are covered in detail. In perfect condition! 462 pages. Fine condition. Scarce. $55.00

28. **JAMES, W.; Wireless Valve Transmitters** . 1st edition, 1925. This rare volume covers the design and operation of transmitting apparatus. Containing many illustrations, it encompasses both CW and wireless telephony. One of the first books written on the subject. The spine has moderate wear. 271 pages. 210 illus. Good + condition. Scarce. $55.00

29. **JASIK, HENRY; Antenna Engineering Handbook** . 1st edition, 1961. Edited by Jasik, this book has no less than 39 renowned contributors, all specialists in the field of antennas, from long wire to complicated arrays. Containing over 1000 illustrations and line drawings; it is one of the most complete treatises on antenna theory and application. In great condition, it includes a dust jacket. 987 pages. Very Good condition. Scarce. $95.00

30. **JONES, FRANK; 5 Meter Radiotelephony** . 2nd edition, 1934. One of the first publications dedicated to the 5 meter band, this nicely illustrated book includes details on building a number of sets, including AC, DC and battery operation. Even the new "Acorn" pentode is utilized in a transceiver. The spine and covers have been reinforced with tape. 48 pages. 76 illus. Good + condition. Rare. Softcover. $25.00

31. **JONES, FRANK C.; The Radio Handbook** . 2nd edition, 1936. Published by Radio Ltd., of Los Angeles, this handbook is the west coast equivalent of the ARRL radio amateur's handbook. Many methods of antenna construction are shown, as well as transmitter and receiver circuits. Hundreds of photos and illustrations & numerous advertisments accent the text. The cover is worn along the extremeties 360 pages. Good condition. Uncommon. $25.00

32. **JONES, FRANK C.; Amateur Radiotelephony** . 1st edition, 1937. A complete and concise work on radiotelephony, giving full details on the theory and applications in the field of amateur radio. An abundance of information is shown on building your own transmitters, receivers, linear amplifiers & test equipment for voice communication. Many nice ads are at the rear, but the cover & some pages are stained. 128 pages. 100 illus. Good condition. Scarce. Softcover. $30.00

33. **KAUFMAN, MILTON; Radio Operator's License Q & A Manual** . 5th edition, 1955. This edition was printed in full accordance with the FCC study guide with elements 1 and 2 being completely revised. It contains all facets of radiotelephony as well as radar and direction finders. 735 pages. Very Good condition. Uncommon. $15.00

34. **KING, R.W. AND MIMNO, H.R AND WING, A.H.; Transmission Lines, Antennas And Wave Guides** . 1st edition, 1945. Developed from the lecture notes of a special war-time training course at Harvard University, this book is dedicated to the Armed Forces. The combination of professors and instructors who pooled their resources in improving techniques for teaching electronics produced an excellent manual on the subject. 347 pages. Very Good condition. Uncommon. $15.00

35. **KRAUS, JOHN; Antennas** . 1st edition, 1950. This widely sought after volume covers the theory of antennas, emphasizing their engineering applications. An excellent reference for the practicing engineer, scientist or amateur radio operator. 553 pages. 520 illus. Very Good condition. Scarce. $75.00

36. **LADNER, ALAN W. STONER, C. R.; Short Wave Wireless Communication** . 4th edition, 1943. This is a complete work covering the then recent introduction of short wave radio. Included is an explicit history on the subject, and a complete description of all circuits, antennas, and propagation of short wireless waves. Contains the George Shiers' Bookplate. 573 pages. 336 illus. Very Good condition. Uncommon. $10.00

37. **LAPORT, EDMUND A.; Radio Antenna Engineering** . 1st edition, 1952. Finally found a copy of this elusive title! One of the best antenna books ever written, I've had at least 10 requests for this title, and here it is, first come first served. An aproach to antenna engineering incorporating many ideas involving design & construction. A classical work and excellent reference for the antenna or amateur radio buff. 563 pages. 650 illus. Fine condition. Rare. Dust Jacket. $115.00

38. **LEUTZ, C. R.; Short Waves** . 1st edition, 1930. This is the first full length book devoted solely to high frequency technology. Profusely illustrated with many photos of short wave apparatus, there are even chapters devoted to Television and Aircraft radio. A very desirable book. 384 pages. 185 illus. Very Good condition. Scarce. $55.00

39. **MARKUS, JOHN AND ZELUFF, VIN; Electronics Manual For Radio Engineers** . 1st edition, 1949. This monumental work was prepared from 289 electronic design articles appearing in the periodical "Electronics". They are the all time great radio articles published during 1940 - 1948 with an emphasis on antennas, audio amplifiers, circuit theory, filters, power supplies, transmitters, transmission lines, receivers and vaccuum tubes. 879 pages. 796 illus. Very Good condition. Scarce. $30.00

40. **MEISSNER; How To Build Radio Receivers** . 1st edition, 1943. This publication presents the entire line of 1939-1940 Meissner Kit receivers. An article on television in theory & practice precedes complete constructional information for the "New" Meissner television receiver. There is complete instructions for 28 different receivers, including many short wave models. This is a 1991 Lindsay Publ. Reprint 168 pages. Fine condition. Common. Softcover. $10.00

41. **ORR, WILLIAM I.; Beam Antenna Handbook** . 3rd edition, 1955. The perfect book for experimenting and constructing your own beam antennas, specifically providing the design, adjustment and evaluation criteria for parasitic arrays. 200 pages. Very Good condition. Uncommon. Softcover. $15.00

42. **RSGB (RADIO SOCIETY OF GREAT BRITAIN); The Amateur Radio Handbook** . 2nd edition, 1946. This is the 12th printing of this edition, the first after World War II. Essentially the British equivalent of the ARRL Radio Amateur's Handbook, it includes details on Valves (tubes), transmitters, receivers, antennas, microphones, power supplies and even television. The bottom 1" of the spine is missing & the covers are slightly soiled 324 pages. Good + condition. Rare. Softcover. $35.00

43. **SIGNAL CORPS, U.S. ARMY; Message Book M-210** . 1st edition, 1942. An unused World War II Radio message booklet, perfect for display with your WWII era display! Includes 25 message blanks, each with 3 pieces of carbon paper and 3 copies. 25 pages. Very Good condition. Uncommon. Softcover. $20.00

44. **SMITH, WOODROW W.; The Antenna Manual** . 1st edition, 1948. Written by the former editor of "Radio", this Manual provides a detailed discussion of the antenna and its associated feeder equipment for amateurs and others using the high frequencies. Containing many photos and illustrations, it aids one in increasing efficiency for better transmitting and receiving antennas. 306 pages. Very Good condition. Uncommon. $25.00

45. **THE EDITORS OF "RADIO"; The Radio Handbook** . 9th edition, 1942. This handbook, published annually, contains many fantastic articles on antennas, transmitters, recievers, and other home brew goodies. A complete tube characteristics guide and theory course is included. The perfect book for the home brew enthusiast, it includes many nice ads for amateur recievers and tubes. The covers are somewhat faded. 640 pages. Very Good condition. Common. $25.00

46. **THE EDITORS OF "RADIO"; The Radio Handbook** . 16th edition, 1962. This handbook, published annually, contains many fantastic articles on antennas, transmitters, recievers, and other home brew goodies. A complete tube characteristics guide and theory course is included. The perfect book for the home brew enthusiast. 808 pages. Very Good condition. Uncommon. $20.00

47. **U.S. NAVY; Radio Aids To Navigation 1928** . 1st edition, 1928. This book includes details on radiocompass stations, radiobeacons, weather bulletins, storm & navigational warnings and time signals. It contains a complete list of radio stations throughout the world which perform services of value to navigation, including weather bulletins and distress signals. The first copy we've had for sale! 447 pages. Very Good condition. Rare. Softcover. $30.00

48. **VIGOUREUX, P. AND BOOTH, C.F.; Quartz Vibrators and Their Applications** . 2nd edition, 1939. One of the first volumes written on the subject of quartz crystals. Many experiments and applications are included, as well as a 4 page bibliography. The spine is worn and has 2 pieces of tape at the top & bottom. From the Marconi Research Library at Baddow, England! 131 pages. 86 illus. Good condition. Scarce. $25.00

49. **WELCH, GEORGE B.; Wave Propagation and Antennas** . 1st edition, 1958. An important fundamental text on antennas, illustrated with 172 line drawings to emphasize the principles of wave propagation and antenna theory or operation. This book clearly provides a background knowledge of electromagnetic theory & its applications. 257 pages. 172 illus. Very Good condition. Uncommon. Dust Jacket. $35.00

50. **WILLIAMS, H. PAUL; Antenna Theory and Design** . 1st edition, 1950. This treatise includes volume I and volume II. The first volume deals with the fundamental theory of radiation and antennas. The second volume covers long, medium & short wave antenna systems, transmission lines, arrays and mobile antenna design. An in-depth bibliography containing 513 items is included in both volumes. X-Library 664 pages. 16 photos. 279 illus. Good + condition. Scarce. $70.00

BROADCASTING 1920-30

51. **(EPHEMERA); Atwater Kent Radio Log** . 1st edition, 1925. Original 6" x 9" Atwater Kent Radio Log, with spaces for the city, call letters, frequency, dial settings and remarks. 1 pages. Very Good condition. Scarce. $10.00

52. **(SERVICE MANUAL); DeForest Crosley 1926 - 1934** . 1st edition, 1937. This is Volume I of the Canadian Deforest Crosley Circuit and parts catalog. It is complete in itself and contains the entire parts list for the years indicated. Included are schematic diagrams, chassis layouts and even the price list. 116 pages. Very Good condition. Rare. Softcover.$55.00

53. **(TRADE CATALOG) MANHATTAN ELECTRICAL SUPPLY CO.; Wireless Manual and Catalog of Radio Telegraph and Telephone Apparatus** . 1st edition, 1921. A wonderful MESCO catalog containing hundreds of early wireless and radio items. Designated as Catalog 13, the manufacturers include Grebe, Paragon, Murdock, RCA, DeForest and Clapp-Eastham. Apparatus such as spark transmitters, keys, receivers, vacuum tubes, detectors, loose couplers and spark gaps are represented. 207 pages. Very Good condition. Rare. Softcover. $95.00

54. **BALLANTINE, STUART; Radio Telephony for Amateurs** . 2nd edition, 1923. This book concentrates exclusively on the principles and application of radio telephony. Covered are the transmitter, receiver, and antenna construction. Includes many photos and illus. of early equipment and parts. The owner's name is on the title page. 296 pages. 153 illus. Very Good condition. Common. $15.00

55. **DOWSETT, H. M.; Wireless Telephony And Broadcasting** . 1st edition, 1924. Contained in two volumes, this is probably the most complete work done on wireless telegraphy in the United Kingdom up till its time. An in depth history is included as well as hundreds of photos and illus. of early wireless gear. This is a very nice set with little wear to the covers. 442 pages. Very Good condition. Rare. $225.00

56. **ECKERSLEY, CAPTAIN P.P.; All About Your Wireless Set** . 1st edition, 1926. A fine book written during the peak of the 20's radio craze, describing the operation of the wireless set. Many different types of circuits are explained, followed by a 14 page troubleshooting guide in the appendix. Includes a nicely illustrated, though chipped dust jacket. 247 pages. 71 illus. Very Good condition. Common. $35.00

57. **EDWARDS, NORMAN; Broadcasting For Everyone** . 1st edition, 1924. Written by the editor of "Popular Wireless" magazine, this is an early outline of radio broadcasting and the theory behind its magic. Though the cover is somewhat faded along the edges, it is nicely embossed with an illustration of a man in his easy chair listening to his exposed tube receiver thru a horn speaker. 260 pages. Good + condition. Scarce. $30.00

58. **GERNSBACH, HUGO; Radio For All** . 1st edition, 1922. An excellent volume containing all the information the layman of the 1920's would want to know. Written by the most prolific science fiction writer ever, the final chapter deals with the future of radio, and includes an accurate description of television. A very nice copy. 292 pages. 12 photos. 121 illus. Very Good condition. Uncommon. $40.00

59. **GERNSBACK, SYDNEY; S. Gernsback's Radio Encyclopedia** . 1st edition, 1927. A very nice copy of this famous book. Profusely illustrated with all types of wireless apparatus and components, it explains thoroughly their design and operation. Many short biographies of radio inventors are included in this large format (8 1/2 x 11) book. 168 pages. Very Good condition. Rare. $35.00

60. **GIBSON, C.R. & COLE, W.B.; Wireless Of Today** . 1st edition, 1924. This book describes the growth of wireless telegraphy & telephony from their inception to the present day. It details the principles and methods of operation & most up to date improvements, in an easy to follow non-technical language. A glossery and comprehensive chronology are included. The spine and cover are somewhat faded. 309 pages. 54 illus. Good + condition. Scarce. $20.00

61. **HAAN, ENNO R.; Radio Trouble-Shooting** . 2nd edition, 1929. Probably the first full-length book written on the subject. This work contains all the information needed to fix any radio receiver at the time. Devoted mainly to battery sets, this edition contains a chapter describing the early A.C. sets. 361 pages. 281 illus. Very Good condition. Uncommon. $40.00

62. **HOGAN, JOHN V.L.; The Outline of Radio** . 1st edition, 1924. An easily understood treatise on radio, written with the laymen in mind. Contains a historical review and fine photos of early gear, as well as an interesting bibliography of radio books. Ex-Library, the covers are somewhat worn. 256 pages. 15 photos. 68 illus. Very Good condition. Common. $10.00

63. **INTERNATIONAL CORRESPONDENCE SCHOOLS; Radio Handbook** . 1st edition, 1924. A handbook of reference for those interested in the radio art. All phases of radio are covered in this small book, which is written for the layman. Contains many diagrams and illustrations. One of the smallest format books, this is a presentation copy signed by an I.C.S. Representative. Includes the seldom seen illustrated dust jacket. 514 pages. 220 illus. Very Good condition. Common. $30.00

64. **KEEN, R.; Wireless Direction Finding and Directional Reception .** 2nd edition, 1927. The ultimate early work on Radio Direction Finding. Contains 329 interesting illustrations and photos. It also has an excellent 17-page, 374 entry bibliography, beginning with Hertz's Electric Waves in 1893. 490 pages. Very Good condition. Scarce. $55.00

65. **KENDALL, LEWIS J. AND KOEHLER, ROBERT PHILLIP; Radio Simplified .** 1st edition, 1922. This book describes the theory of radio, and how to build and operate the apparatus involved. A good all around book on the subject, with a nicely embossed color cover. 271 pages. 95 illus. Very Good condition. Common. $15.00

66. **LESCARBOURA, AUSTIN C.; Radio for Everybody** . 1st edition, 1922. A profusely illustrated book published at the height of the radio craze. Hundreds of photos depicting early radio receivers are shown, along with excellent construction details for crystal and one-tube sets. The author was managing editor for Scientific American magazine. 334 pages. Very Good condition. Common. $25.00

67. **LEUTZ, CHARLES R.; Modern Radio Reception** . 3rd edition, 1928. This famous book was written by the man responsible for introducing the super-heterodyne system to the broadcast listeners. It contains many photos and illustrations of early superhet receivers and related components, and is considered the principal book on the subject. Includes many photos of early commercial Western Electric gear. 383 pages. 254 illus. Very Good condition. Scarce. $60.00

68. **LEWIS, E.H.; The A B C Of Vacuum Tubes In Radio Reception** . 1st edition, 1922. An early vacuum tube reference work, concentrating mainly on developing the elementary principles of theory and operation. The cover is nicely illustrated with a Moorehead audion. 132 pages. 48 illus. Very Good condition. Uncommon. $25.00

69. **LODGE, OLIVER AND OTHERS; Harmsworth's Wireless Encyclopedia (Three Volumes)** . 1st edition, 1923. This immense, three volume set contains over 5,000 illustrations, most of which are photos of various wireless parts, crystal sets, tube sets and even biographies of famous wireless inventors! This is without a doubt, the most complete treatise ever done on early radio! Contains many folding plates, truly the set for your bookshelf! 2272 pages. Good + condition. Rare. $265.00

70. **LOOMIS, MARY TEXANNA; Radio Theory and Operating** . 4th edition, 1928. This highly desirable volume contains everything from basic theory to the completed transmitters and receivers. Profusely illustrated with many photos of early radios and wireless gear, this also includes an interesting chapter on early television. A nice tight copy of the most complete edition. 992 pages. 795 illus. Very Good condition. Uncommon. $45.00

71. **RIDER, JOHN F.; Trouble Shooter's Manual** . 1st edition, 1929. I believe this manual to be the first collection of schematic diagrams published by Rider. 1" thick, 106 pages are schematics, the remainder troubleshooting information. It is designated as volume II, I've never seen a Volume I. 234 pages. Good + condition. Rare. $35.00

72. **RIDER, JOHN F.; Trouble Shooter's Manual** . 1st edition, 1931. This is Rider's Volume I, in the Green National Union Binder. It contains all the early diagrams and service info on vintage battery receivers such as the A-K breadboards, early RCA Radiolas, DeForest D-10, Crosley XL, 3B, Grebe CR1 - CR18 and so on. The binding is worn, and some of the pages are soiled, but this is a nice service reference 1300 pages. 999 illus. Good condition. Rare. $65.00

73. **SIGNAL CORPS, U.S. ARMY; The Principles Underlying Radio Communication** . 2nd edition, 1922. This book was prepared by the Bureau of Standards for the main purpose of instructing Signal Corps students in the art of wireless telegraphy during WWI. Includes many photos and Illus. of early radio gear, as well as a nice list of early radio books and periodicals. 619 pages. 10 photos. 294 illus. Very Good condition. Common. $15.00

BIOGRAPHIES

74. **APPLEYARD, ROLLO; A Tribute to Michael Faraday** . 1st edition, 1931. A fine biography written about Michael Faraday on the 100th anniversary of his famous electromagnetic discoveries. Contains some very excellent photos and illustrations of his laboratory and apparatus. 204 pages. 30 illus. Fine condition. Scarce. $55.00

75. **BAKER, E.C.; Sir William Preece- Victorian Engineer Extraordinary** . 1st edition, 1976. This is the first book length biography done on a most important electrical pioneer and engineer. He played a large part in the development of the electromagntic telegraph, the telephone, and even helped Marconi with his early wireless telegraph experiments. Includes a listing of his principal lectures, publications, and patents. 377 pages. 12 photos. 23 illus. Very Good condition. Uncommon. Dust Jacket. $65.00

76. **BILBY, KENNETH; The General- David Sarnoff and His Rise In The Communications Industry** . 1st edition, 1986. This biography was written by a former close associate. Possibly the most objective account of his life and work with implications to his influence on the communications industry. Includes a nice bibliography. 326 pages. Very Good condition. Common. Dust Jacket. $25.00

77. **BURLINGAME, ROGER; Out of Silence into Sound; The Life of Alexander Graham Bell** . 1st edition, 1964. This is the life story of Alexander Graham Bell and his invention of the telephone. Many rarely seen photos are included, along with a 4-page bibliography and a nice dust jacket. 146 pages. 32 photos. Fine condition. Common. $15.00

78. **CLARK, RONALD W.; Edison; The Man Who Made The Future** . 1st edition, 1977. In this volume, the author describes Edison's early, untutored upbringing, his first inventions, and his struggles in the industrial jungle in the aftermath of the civil war. Also described is the work he did in the rubber industry for the U.S. Navy during WWI. Includes a nice bibliography. Ex-Library, the rear hing has been repaired. 256 pages. 60 photos. Good condition. Uncommon. Dust Jacket. $15.00

79. **CONOT, ROBERT; A Streak Of Luck- The Life & Legend Of Thomas Alva Edison** . 1st edition, 1979. Written on the centennial of the incandescant light, the author combed through the Edison archives to present the first complete account of this great inventor's life. A large book, it contains many fine photos of Edison, as well as a concise reference guide of associates and relatives. Includes a thorough bibliography of his source notes. 565 pages. 60 photos. Very Good condition. Common. Dust Jacket. $25.00

80. **CURIE, EVE; Madam Curie** . 2nd edition, 1943. The life of this famous physicist is well covered in this volume, centering on her discovery of radium, and the resulting experiments. Includes a nicely illustrated dust jacket. 412 pages. 32 photos. Very Good condition. Common. Dust Jacket. $15.00

81. **DEFOREST, LEE; Father of Radio** . 1st edition, 1950. An intimate autobiography by one of the most interesting and versatile geniuses who ever lived. DeForest was a pioneer in early wireless and formed one of the first companies in America. He also invented the 3- element vacuum tube. Includes his patent list, which covers 47 years. The spine and cover is soiled. 502 pages. 33 photos. 8 illus. Good + condition. Scarce. $55.00

82. **DUNLAP, ORRIN E.; Marconi: The Man and His Wireless** . 1st edition, 1937. Written in April 1937, (Marconi died in July 1937), making it one of two true biographies written while he was still alive. Very concise and detailed in every way about Marconi's life and achievements. 362 pages. 15 photos. Good + condition. Scarce. $55.00

83. **EVERITT, C.W.F.; James Clerk Maxwell: Physicist and Natural Philosopher** . 1st edition, 1975. The story of the greatest mathematical physicist since Newton, he devised the electromagnetic theory of light, leading to the discovery of wireless telegraphy. The information for this book was derived from the Dictionary of Scientific Biography (DSB). It contains a nice bibliography listing both original works and secondary literature. 205 pages. 24 illus. Very Good condition. Uncommon. Dust Jacket. $30.00

84. **FERRANTI, GERTRUDE ZIANI DE AND INCE, RICHARD; The Life and Letters of Sebastian Ziani de Ferranti** . 1st edition, 1934. A portrait of a great scientist and inventor told from his point of view by his wife. A contemporary of Edison, his achievements include development of various dynamoes, meters, arc lamps and electric cable for lighting systems. This is a beautiful copy with a dust jacket. 240 pages. 46 illus. Very Good condition. Scarce. $35.00

85. **FESSENDEN, HELEN M.; Fessenden, Builder of Tomorrows** . 1st edition, 1940. The story of one of America's greatest radio pioneers. He developed the first wireless telephone, and the sonic depth finder. This book shows the principles and technique underlying the work of this great inventor and pictures the infancy of wireless. Contains a bookplate, and includes a nicely illustrated dust jacket. 362 pages. Very Good condition. Scarce. $85.00

86. **FLEMING, JOHN AMBROSE; Memories Of A Scientific Life** . 1st edition, 1934. This important biography describes the life of the inventor of the thermionic valve, or vacuum tube. It tells of his early days working on the telephone and electric lighting systems, as well as his most important work with Marconi. The spine is slightly worn. 244 pages. Good + condition. Scarce. Softcover. $55.00

87. **FULLER, FREDERICK L.; My Half Century As An Inventor** . 1st edition, 1938. This is the story of Frederick Fuller, an inventor who patented many types of calculating machines, time clocks, cash registers and adding machines. Many photos of his apparatus are shown, along with his numerous patents. The preface was written by his close friend, Thomas J. Watson, of IBM fame. 241 pages. Very Good condition. Rare. $35.00

88. **GOLDMARK, PETER; Maverick Inventor; My Turbulent Years At CBS** . 1st edition, 1973. This biography recounts Goldmark's triumph over the recording industry when he invented the long-playing record. Within this book, his trials and tribulations concerning the corporate wars against David Sarnoff and the FCC are well-explained, as is color TV. This is a signed presentation copy by Peter Goldmark! 278 pages. Fine condition. Uncommon. Dust Jacket. $55.00

89. **HALL, TREVOR H.; The Medium and the Scientist: The Story of William Crookes and Florence Cook** . 1st edition, 1984. In 1974 William Crookes, the eminent British Scientist put his reputation on the line to back a medium, Florence Cook. This book provides some interesting conclusions to the seances and sheds some light on their unusual relationship. Includes a nicely illustrated dust jacket. 188 pages. 12 photos. Fine condition. Uncommon. $50.00

90. **HAMMOND, JOHN WINTHROP; Charles Proteus Steinmetz** . 1st edition, 1924. This is the first authorized biography of this great electrical wizard. His personal life and his work at General Electric are well covered in this book. 489 pages. 18 photos. Good + condition. Scarce. $30.00

91. **HEYN, ERNEST V.; Fire of Genius: Inventors of The Past Century** . 1st edition, 1976. Based on the files of Popular Science Monthly these inventors were part of the whole scheme of things since 1872. Highlighted are 43 inventors, including Edison, Tesla, Bell, Marconi, and Armstrong. Numerous illustrations accent the text, and some little known facts are brought to light on many famous inventors. An excellent reference. 340 pages. 136 photos. 148 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

92. **HUBERT, PHILIP G. JR.; Inventors** . 1st edition, 1893. This is an excellent book portraying our most famous inventors, including Ben Franklin, Samuel F.B. Morse, Goodyear, Edison, Alexander Graham Bell, Charles Brush, George Westinghouse and many others. 299 pages. 72 illus. Very Good condition. Scarce. $45.00

93. **JAMES, MARQUIS; Alfred I. Dupont: The Family Rebel** . 3rd edition, 1978. A comprehensive account of the life of the great inventor. He built an empire on his work with powder & dynamite. The author used manuscripts and documents from family correspondence to provide a thorough sketch of this rebel's life. Includes an extensive bibliography and reference list. 599 pages. 47 photos. Good + condition. Uncommon. $15.00

94. **LODGE, SIR OLIVER; Past Years; An Autobiography** . 1st edition, 1931. An outstanding and complete life story of one of history's most famous scientists. In this work he describes his ancestry and early years and his relations and scientific work with other scientists of the age. His early experiments in wireless telegraphy and tuning are explained in detail. Includes a rarely seen dust jacket. 364 pages. 16 photos. Fine condition. Scarce. $55.00

95. **LODGE, SIR OLIVER; Pioneers of Science** . 2nd edition, 1928. A biographical compilation of ancient scientists and other early men who explored the unknown. Included are Copernicus, Kepler, Galileo, Newton, and Halley. Contains many fine illustrations. This is ex-library and is worn along the edges. 404 pages. 120 illus. Very Good condition. Rare. $30.00

96. **MCCLURE, J.B.; Edison and his Inventions** . 1st edition, 1879. The first book published about Edison and his early work, including many incidents, anecdotes, and interesting particulars connected with the life of this great inventor. Includes full explanations of the telephone, phonograph, and electric light. Contains many rarely seen engravings of his early inventions. 153 pages. 32 illus. Good + condition. Very Rare. $195.00

97. **MEADOWCROFT, WILLIAM H.; The Boy's Life of Edison** . 3rd edition, 1949. A nice biography written by a member of the Edison laboratory, and designed for boys and girls of all ages. Modeled after the two-volume biography by Dyer and Martin, it contains a nice profile photograph of Edison on the dust jacket. 272 pages. 12 photos. Very Good condition. Uncommon. $20.00

98. **MILLER, FLOYD; The Man Who Tamed Lightning; Charles Proteus Steinmetz** . 2nd edition, 1966. An excellent biography on Steinmetz, the great electrical wizard. The original title was : The Electrical Genius of Liberty Hall. The upper right hand corner of a group of pages is stained with ink, not affecting the text. 160 pages. Good + condition. Uncommon. Softcover. $15.00

99. **MOSKOWITZ, SAM; Hugo Gernsback: Father Of Science Fiction** . 1st edition, 1959. The only biography on Hugo Gernsback I know of, it was produced to honor him on his 75th birthday. A few photos are reproduced from Modern Electrics magazine and Science Wonder Stories to demonstrate his imaginative abilities. A fine synopsis of the life of the "Father Of Science Fiction". 32 pages. 7 photos. Very Good condition. Scarce. Softcover. $25.00

100. **PUPIN, MICHAEL; From Immigrant to Inventor** . 2nd edition, 1924. A great autobiography of this professor of electro-mechanics. This book on Michael Pupin inspired many a young experimenter to enter the field of scientific research. He set forth the electrical theories on tuning resonance, along with many other contributions in the wireless field. 396 pages. 11 photos. Very Good condition. Common. $15.00

101. **RHODES, FREDERICK LELAND; John J. Carty - An Appreciation** . 1st edition, 1932. The life story of a man destined through inventions and writings to further the world's knowledge of telephone circuits and systems. The author provides a rare insight into a time period which marked telephones's beginning. He had great credentials; he wrote one of the most accurate histories of telephony a few years earlier. 280 pages. Very Good condition. Scarce. $45.00

102. **SARNOFF, DAVID; FIRESTONE, HARVEY AND OTHERS; The Indispensable Man: Thomas Edison** . 1st edition, 1962. An excellent pictorial biography of Thomas Edison, depicting the invention as seen through the eyes of many notables including David Sarnoff and Mary Pickford. More than 130 seldom seen photos complement this interesting story of his life. Includes a nicely illustrated dust jacket. 128 pages. 130 photos. Fine condition. Scarce. $35.00

103. **SMITH, SALLY BEDELL; In All His Glory (William S. Paley)** . 1st edition, 1990. This is the story of the man who built CBS; William S. Paley. This accurate biography takes a hard look at Paley and his private and public life. His business and social activities are scrutinized, giving an inside view of his rise to the top of the U.S. broadcasting industry. 782 pages. 65 photos. Fine condition. Uncommon. Dust Jacket. $20.00

104. **SOLARI, LUIGI; Marconi- Nell'intimata E Nel Lavoro** . 1st edition, 1940. This biography was written by one of Marconi's earliest assistants and friend throughout his life. Written entirely in Italian, Solari had a front row seat to the discoveries and primitive experiments Marconi performed early in his career. Contains many photos I've never seen before. 355 pages. 51 illus. Good + condition. Rare. $95.00

105. **SUSSKIND, CHARLES AND KURYLO, FRIEDRICH; Ferdinand Braun** . 2nd edition, 1981. The only in-depth biography about the inventor of the cathode-ray tube. He also made fundamental contributions to the field of wireless telegraphy, and was jointly awarded the Nobel Prize in Physics with Marconi in 1909. Originally published in German in 1965, this copy has a nicely illustrated dust jacket. 289 pages. 19 illus. Fine condition. Common. $40.00

106. **TAMES, RICHARD; Guglielmo Marconi** . 1st edition, 1990. Published by Franklin Watts this is one of the LIFETIMES Series. It is an exciting biographical series which uses authentic photos and a lively narrative to show the life and work of Guglielmo Marconi, some of which I've never seen before. 32 pages. 30 photos. Fine condition. Common. $20.00

Biographies

107. **TATE, ALFRED O.; Edison's Open Door** . 1st edition, 1938. A tribute to the character of the famous inventor, by a man who came to know him intimately in his capacity as his private secretary. This book contains many insights expressed by Edison through his everyday encounters with other distinquished inventors such as Ford and Westinghouse. 320 pages. Very Good condition. Scarce. $40.00

108. **THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS; George Westinghouse Commemoration** . 1st edition, 1937. This is a forum presenting the career and achievements of George Westinghouse on the 90th anniversary of his birth. The life story of Westinghouse as well as his achievements with the air brake, alternating current, steam turbine and electric railways are discussed. Numerous photos are interspersed throughout the text. 78 pages. 43 photos. Good + condition. Scarce. $20.00

109. **THE WISDOM SOCIETY; The Wisdom Of Sarnoff and The World Of RCA** . 1st edition, 1968. An exceedingly rare biography of Sarnoff, never endorsed by him to sell. A nationwide attempt was made to invalidate the book and returns actively solicited through RCA (ref: "The General" page 273). Most copies were subsequently returned, this volume is one of the few which survive! Profusely Ilustrated! 449 pages. Fine condition. Very Rare. $115.00

110. **THOMPSON, SILVANUS P.; Philipp Reis: Inventor of the Telephone** . 1st edition, 1883. An extremely rare account of the actual invention of the telephone. Included is the biography of the inventor and his apparatus, along with the claims, documents, and testimony concerning the court case. This is a 1974 Arno Press Reprint. 182 pages. 50 illus. Very Good condition. Scarce. $25.00

111. **TOWERS, WALTER KELLOGG; Masters of Space** . 1st edition, 1917. A seldom seen work on the story of talking at a distance, either by wire or through space. It includes the biographies of Morse, Lord Kelvin, Graham Bell, Marconi, and J.J. Carty. It is contained in a library binding, and is worn at the top of the spine. 301 pages. 16 illus. Good + condition. Rare. $45.00

112. **WILE, FREDERIC WILLIAM; Emile Berliner; Maker of the Microphone** . 1st edition, 1926. This is a story of an inventive immigrant, whose invention of the microphone has played a major role in the communications field. Many illustrations are presented in this volume, depicting early equipment. A very nice copy, though it is ex-library. 253 pages. 30 photos. Very Good condition. Scarce. $40.00

BIBLIOGRAPHY/REF

113. **HOPKINS, ALBERT A. & BOND, A. RUSSELL; Scientific American Reference Book** . 1st edition, 1913. This volume is the result of a demand by Scientific American's readers to have a grouping of information from the magazine. Included are wireless telegraphy, patents, submarine cables, and various other areas of interest. 597 pages. 999 illus. Very Good condition. Uncommon. $25.00

114. **WEAVER, WILLIAM D.; The Wheeler Gift Catalog (Reprint)** . 1st edition, 1909. This is a limited edition (150 copies) quality reprint, the original a gift for members of the American Institute Of Electrical Engineers. It lists the library of Latimer Clark, procured by Wheeler who eventually donated it to the IEE. A fantastic reference work consisting of 7000+ books & pamphlets relating to early communication technology. 979 pages. 60 illus. New condition. Uncommon. $100.00

BROADCASTING, SOCIAL

115. **DUNNING, JOHN; Tune In Yesterday** . 1st edition, 1976. The ultimate encyclopedia of old-time radio 1925-1976. This book is considered the bible for broadcast historians of the early radio programs. Contains hundreds of radio series from their inception to demise in later years. Alphabetized, it provides an excellent reference. Includes a nice dust jacket. A difficult book to obtain. 703 pages. Fine condition. Scarce. $115.00

COMPUTER

116. **BELDEN, THOMAS & MARVA; The Lengthening Shadow: The life of Thomas J. Watson** . 1st edition, 1962. This biography tells the story of the founder of IBM, his drive and personal setbacks. They combined to make him a force able to build one of America's premier industries. This is an ex-library copy with the usual marks and pocket in the rear. 332 pages. 19 photos. Good + condition. Uncommon. Dust Jacket. $15.00

117. **BYCER, BERNARD B.; Digital Magnetic Tape Recording: Principles and Computer Applications** . 1st edition, 1965. This book is a comprehensive coverage of digital magnetic tape recording in terms of basic mechanical, magnetic, and electronic techniques, including computer applications. A variety of early magnetic tape recording installations are pictured. An early book on the subject. 318 pages. 296 illus. Very Good condition. Scarce. $55.00

118. **CASEY, ROBERT S., PERY, JAMES W.; Punched Cards: Their Applications To Science and Industry** . 2nd edition, 1958. This is a 2nd edition of the landmark book on punched cards. It gives a comprehensive treatment of equipment, applications & methods of organizing information for a system still in its infancy. It contains many photos & illustrations of primitive equipment. Includes an annotated bibliography of 677 items. From the IEEE Library 697 pages. Good + condition. Scarce. $55.00

119. **ENGINEERING RESEARCH ASSOCIATES; High-Speed Computing Devices** . 1st edition, 1950. This scarce volume is primarily a description of the mechanical devices and electrical circuits which can be incorporated into computing machines. Included are descriptions of systems such as IBM, along with an excellent bibliography. In near perfect condition! 451 pages. Fine condition. Scarce. $65.00

Computer

120. **HANSON, DIRK; The New Alchemists: Silicon Valley and the Microelectronics Revolution** . 1st edition, 1982. An excellent historical overview of the events which led to the development of the mass computer production housed in Silicon Valley. This captivating narrative gives a somewhat humerous perspective to the growing industry. Includes a 3 page bibliography and many notes & references. 364 pages. Fine condition. Common. $15.00

121. **MCLACHLAN, DAVID J, AND MOLSOM, BERTRAM; Data Processing** . 1st edition, 1967. This book provides the theory and application of bookeeping and data processing using punch cards & computers. Written in the 60's, some neat early computer systems are pictured and described. From The Marconi Company Library, Baddow Research Laboratories, Chelmsford, England. 202 pages. 27 photos. 39 illus. Very Good condition. Scarce. $25.00

122. **RCA SERVICE CO.; The Language and Symbology of Digital Computer Systems** . 1st edition, 1959. Written in 1959, this book is the result of a study done by RCA for the Air Force to faciltate the evaluation of information regarding digital computer systems. A simple, straightforward approach to the subject, using great symbols & terminology. 114 pages. Very Good condition. Scarce. $25.00

ELECTRICITY

123. **(PERIODICAL) STURGEON, WILLIAM; "The Annals of Electricity, Magnetism and Chemistry"** . 1st edition, 1836. Better Known as the Annals of Electricity, it's the first electrical magazine printed in the English language. Present are 4 complete volumes, Vol. 1; Oct. 1836 - Oct. 1837, Vol.2: Jan. 1838 - June 1838; Vol 3; July 1838-April 1839, Vol 4; July 1839-Apr 1840. Has articles by Faraday, Morse, Henry, and many others. With 48 pages of plates! 2085 pages. Good + condition. Extremely Rare. $795.00

124. **(TRADE CATALOG); Western Electric Co. 1919** . 1st edition, 1919. A fantastic electrical supplies catalog, this is the first postwar catalog published by WE. You name it and its here! Telephone & telegraph apparatus, as well as 20 pages of insulators, early meters & test instruments, and even electric fans are included. Even the original order blank & discount sheet is included! Very Nice! 1160 pages. 999 illus. Very Good condition. Rare. $225.00

125. **(TRADE CATALOG); Braun Corporation Physics Apparatus Catalog** . 1st edition, 1935. A nice hardbound catalog of physics, general science and chemistry supplies and apparatus. Included are static machines, X-ray tubes, Geissler tubes, Crookes' tubes, coherer wireless outfits, telegraph apparatus galvanometers & other great demonstration gear. The cover is nicely embossed, assigned serial # 172, It's the first one we've seen! 482 pages. 999 illus. Good + condition. Rare. $165.00

126. **(TRADE CATALOG); Electric Service Supplies Co. .** 6th edition, 1920. This is designated as catalog #6 depicting electrical materials used by the railroads, mines and industrial plants. Everything imaginable is listed, including many different types of insulators, telephones, electrical fixtures, coil winders and even signs and badges! 607 pages. 999 illus. Very Good condition. Scarce. $70.00

127. **(TRADE CATALOG); L.E. Knott Apparatus Company Catalog # 26 .** 1st edition, 1921. A nice hardbound catalog of physics, general science and chemistry supplies and apparatus. Included are static machines, X-ray tubes, Geissler tubes, Crookes' tubes, radiometers, microscopes, telegraph apparatus, galvanometers and other great demonstration gear. There is almost no wear to this catalog it's one of the nicest we've had! 326 pages. condition. Rare. $215.00

128. **(TRADE CATALOG) CENTRAL SCIENTIFIC CO.; Physical Apparatus and Instruments- Catalog F .** 1st edition, 1929. A wonderful catalog illustrating any kind of scientific apparatus you could imagine! Geissler tubes, Wimshurst machines, X-Ray tubes & apparatus, electromagnets, induction coils, sound & optical apparatus, meters, galvanometers and even a coherer receiver/tramsmitter! The front cover is beautifully embossed in gold and green buckram. 601 pages. 999 illus. Very Good condition. Rare. $185.00

129. **(TRADE CATALOG) GOSHEN LIGHTNING ROD CO.; Lightning Rods Catalog No. 16 .** 1st edition, 1925. A wonderful catalog showing many different types of lightning rods, from simple single points to exquisite weather vanes depicting a horse, Pig, cow, rooster, glass ball ornaments and even an early open roadster! The print is in 3 colors with high end vanes done in gold and silver. Includes all the fixtures & cable needed for installation. 36 pages. Very Good condition. Rare. Softcover. $85.00

130. **(TRADE CATALOG) STANDARD SCIENCE SUPPLY CO.; Standard Laboratory Supplies .** 1st edition, 1947. This is Catalog # 147 containing Chemistry, Physics and Biology Supplies. This nice catalog depicts wimshurst machines, leyden jars, Crookes' tubes, X-ray tubes, induction coils, galvanometers, telegraph and sound apparatus. The inside hinges have been reinforced, and the cover is somewhat soiled. 209 pages. Good + condition. Scarce. Softcover. $75.00

131. **ADAMS, JOSEPH H.; Harper's Electricity Book for Boys .** 1st edition, 1907. A fine copy of a well-illustrated book on electricity, wireless telegraphy, telephony, and dynamos intended for the young electrical enthusiast. It contains many construction projects in all areas of electrical communication. This is a quality 1998 Lindsay reprint. 407 pages. 276 illus. New condition. Common. Softcover. $10.00

132. **ATKINSON, E.; Ganot's Physics .** 15th edition, 1898. This volume is a translation of "Ganot's Cours Elementaire de Physique". Interspersed are hundreds of beautiful engravings of early physical apparatus. From Geissler tubes to galvanometers, from Edison's phonograph to induction coils, many early electrical devices and experiments are detailed. The covers are worn. 1142 pages. 999 illus. Good + condition. Rare. $70.00

133. **BAUMEISTER, THEODORE; Fans** . 1st edition, 1935. This is the only book I've seen that covers the theory, design, air flow and testing of electric fans. Various types of fans are illustrated and described. Includes many bibliographic references. 241 pages. 78 illus. Very Good condition. Scarce. $45.00

134. **BEDELL, FREDERICK; The Principles of the Transformer** . 2nd edition, 1907. This book covers the theory and applications of transformer practice. The design and construction as well as the testing of transformers is discussed in detail. A chapter is dedicated to the effects of hysterisis and Foucault current on transformers. 416 pages. 250 illus. Good + condition. Scarce. $25.00

135. **BENJAMIN, PARK; The Intellectual Rise in Electricity: A History** . 1st edition, 1895. This work is a history of the establishment of electricity in our world. The author cites as sources Greek and Roman classics, Norse histories, writings of Chinese and Arabs, and such men as Peregrinus, Gilbert, Hauksbee, and Franklin. One of the classics on electricity written in the 19th century. A must for your Library. Shiers Bookplate 611 pages. 27 illus. Good + condition. Rare. $115.00

136. **BLAKESLEY, T.H.; Alternating Currents of Electricity** . 2nd edition, 1889. One of the first books written that was dedicated to alternating current. Areas covered include self and mutual-induction, condenser transformers, transmission of power and magnetic lag. the title pageis torn, with a 1" x1" loss, not affecting the text. 129 pages. 29 illus. Good + condition. Rare. $25.00

137. **BOTTONE, S.R.; Electrical Instrument-Making For Amateurs** . 1st edition, 1891. This book was written to give the reader the benefit of the author's knowledge, demonstrating the construction of induction coils, voltmeters, dynamoes, wimshurst machines and leyden jars. Includes chapters on the microphone, phonograph, and telephone. 202 pages. 59 illus. Very Good condition. Scarce. $55.00

138. **COLLINS, A. FREDERICK; The Book Of Electricity** . 2nd edition, 1924. Another A.F. Collins book which includes instructions on building telegraph apparatus etc.. An inspiration for the young boy scout of the 20's in becoming an experimenter and possible future engineer. The front cover is embossed with an illustration of a young man hooking up an induction coil with an early spark transmitter. 185 pages. 145 illus. Good + condition. Scarce. $30.00

139. **DESCHANEL, A. PRIVAT AND (TRANSLATOR) EVERETT, PROF. J.D.; Deschanel's Natural Philosophy: Part III Electricity and Magnetism** . 1st edition, 1876. A fascinating volume, complete in itself (the other volumes, I, II and IV are on heat, light and mechanics). The static machine is covered in depth, along with great illustrations of early & seldom seen apparatus. Galvanometers, Crookes' tubes, (Contains a great color plate of tubes in action) and all forms of the telegraph are included. 278 pages. 230 illus. Very Good condition. Rare. $115.00

140. **FARADAY, MICHAEL; Faraday's Experimental Researches in Electricity** . 1st edition, 1839. Faraday's famous treatise reprinted from the Philisophical Transactions. In three volumes, the 2nd volume is dated 1844, the 3rd; 1855. The bindings on Vol. I & II seem to have a shiny substance on them, but there is very little wear and just a little foxing to the endpapers. This set would be the highlight of any library! Supernice!! 1464 pages. 236 illus. Very Good condition. Very Rare. $975.00

141. **GIBBS, J.B.; Transformer Principles and Practice** . 1st edition, 1937. A largely non-mathematical study of the theory and application of transformers. A few of the many chapters include coils and cores, phase transformation, ratio adjustment, transformer testing and calculations. 210 pages. 191 illus. Very Good condition. Scarce. $45.00

142. **GOLDING, E.W.; Electrical Measurements and Measuring Instruments** . 3rd edition, 1941. This must be the "vade mecum" of books on the subject of measuring instruments. Everything you ever wanted to know and more is written within these pages! Contains many illustrations and line drawings of vintage electrical instruments. 828 pages. 447 illus. Good + condition. Uncommon. $30.00

143. **GRAY, ANDREW; Absolute Measurements in Electricity and Magnetism** . 2nd edition, 1893. Probably the first and most in-depth work on the various measurements involved in electrical work. The description of all the absolute units and their applications are brought out along with all the instruments used to measure them, including the galvanometer & ampere balance. The meetings where the units of meas. were adopted are covered in detail. 386 pages. 66 illus. Good + condition. Rare. $50.00

144. **HAMMOND, JOHN WINTHROP; Men And Volts: The Story Of General Electric** . 1st edition, 1941. This company history presents little known facts about Edison, Thomson and Steinmetz to name a few, along with an excellent history of the development of electricity & the history of General Electric Co.. 436 pages. 70 photos. Very Good condition. Uncommon. $25.00

145. **HARRIS, WILLIAM SNOW; Rudimentary Treatise On Galvanism & The General Principle of Voltaic Electricity** . 1st edition, 1856. A highly sought after book written by one of the 19th century's most noted authors on electricity. It includes a historical look at the subject of electricity and the apparatus employed in the investigation of voltaic action, including the galvanometer & electrometer. Wheeler Gift Catalog #1359 states; "This Treatise Ranks Among The Best". 215 pages. 84 illus. Very Good condition. Very Rare. $245.00

146. **HAWKS, ELLISON; The Book Of Electrical Wonders** . 1st edition, 1936. A popular account on electricity, power, telephone, telegraph, radio, X-Rays, television, and facsimile. Containing many photos of early electrical apparatus, it discusses the future of the art. Written by the author of "Pioneers Of Wireless". 316 pages. 40 photos. Good + condition. Scarce. $25.00

147. **HOPKINS, GEORGE M.; Experimental Science** . 2nd edition, 1890. A monumental volume encompassing all areas of 19th century science and technology. This first edition covers induction coils, electrical measuring instruments, geissler tubes, the phonograph, microscopy, acoustical apparatus, the telephone and electrical magic. The front cover is nicely embossed with an illustration of a Faraday's wheel. 719 pages. 685 illus. Good + condition. Rare. $95.00

148. **HOUSTON, EDWIN J. AND KENNELLY, A.E.; Electric Heating** . 1st edition, 1895. One of the famous Electro-Technical Series, this book covers in detail the use of electricity to heat trolley and railroad cars, as well as it's use in electric cooking, welding and furnaces. From The Franklin Institute Library. This is the first copy we've seen! 290 pages. 86 illus. Good + condition. Rare. $45.00

149. **JANSKY, CYRIL M.; Electrical Meters** . 2nd edition, 1917. This could best be described as the most complete work on meters up to the time. All types of measuring instruments are fully described and illustrated here, including watt-hour and RF meters. From The IEEE Library, it has been rebacked with the original spine laid on. The inside hinges have been reinforced. 416 pages. 65 photos. 250 illus. Good condition. Scarce. $45.00

150. **KEMPE, H.R.; Handbook of Electrical Testing** . 6th edition, 1900. This is one of the most in depth books written up to its time on the subject of electrical testing apparatus. It covers the galvanometer, Wheatstone bridge, Thomson quadrant electrometer & many other devices at the turn of the century. Includes many engravings of various manufacturer's instruments. From The Great Northern Telegraph Co. Lib. 646 pages. 238 illus. Good + condition. Rare. $115.00

151. **KENNELLY, A.E. AND OTHERS; Electricity In Daily Life** . 1st edition, 1891. This book describes the theory and development of electrical apparatus in the 19th century. The telegraph and telephone are discussed, along with a chapter devoted to the transatlantic cable. Many wood engravings of early electrical devices and portraits of their inventors are shown. 288 pages. 125 illus. Very Good condition. Rare. $65.00

152. **LANPHIER, R.C.; Electric Meter History and Progress** . 1st edition, 1925. Published by the Sangamo Electric Co., this book serves as a fine reference for collectors of early recording wattmeters. Many are shown, along with a description of their operation and application. The rear cover has a few minor scratches. 78 pages. 65 photos. Very Good condition. Scarce. $45.00

153. **LODGE, SIR OLIVER; Atoms and Rays** . 1st edition, 1924. An excellent introduction to 1924's modern views on atomic structure and radiation. This volume investigates the possibility of harnessing the atom using its relations between matter, energy and the ether. In this noted work, the great scientist Oliver Lodge, explains the ABC's of the atom in layman's terms. 4 pages have underlining in red pencil. 208 pages. Very Good condition. Scarce. $40.00

154. **MAXWELL, JAMES CLERK; Electricity and Magnetism** . 3rd edition, 1892. Maxwell's famous treatise in which he applies Faraday's Laws and discoveries pertaining to electromagnetism. This set is presented in two volumes. There are 20 plates contained at the rear along with many llustrations. A rarely seen set, with some wear to the spines- Vol II spine has been reglued, and the top blank 1" of title pages is cut off 1006 pages. Good condition. Very Rare. $195.00

155. **MCCLUNG, ROBERT K.; Conduction of Electricity Through Gases and Radioactivity** . 1st edition, 1909. This text presents the fundamental facts and theories of the subject using 125 experiments designed to accent practical applications. It provides an excellent guide to assist the student in the laboratory, including almost 30 experiments using the Rontgen ray! The top and bottom of the spine is chipped and the corners are slightly worn. 244 pages. 74 illus. Good + condition. Rare. $45.00

156. **MCMAHON, A. MICHAEL; The Making Of A Profession: A Century Of Electrical Engineering in America** . 1st edition, 1984. This book covers the main facts in the history of the profession, from the rough beginnings in telegraphy before the Civil War and the emergence of an embryonic electric lighting and power industry in the 1800's to the rise of technical electronics in the 20th century. Published by IEEE Press for the 100th aniversary of the Institution. 304 pages. 30 photos. Fine condition. Uncommon. Dust Jacket. $35.00

157. **MORGAN, ALFRED; A First Electrical Book For Boys** . 2nd edition, 1951. Throughout this book, the author clearly and concisely outlines the history and development of electricity. He cites the contributions of famous scientists such as Faraday, Hertz, and Marconi. Some simple electrical experiments are shown for boys (and girls) to carry out on their own. Includes hundreds of illustrations and a dust jacket. 263 pages. Very Good condition. Uncommon. $30.00

158. **NIAUDET, ALFRED; Elementary Treatise On Electric Batteries** . 5th edition, 1888. A thorough treatise on the battery, covering its history and development through the 19th century. All forms and types of cells are discussed and illustrated, including the Daniell, Muirhead, Grove, and Volta's battery to name a few. The spine has a 1/2" tear at the top & a 1/2" nibble on the side. One of the earliest books on the subject. 266 pages. 55 illus. Good + condition. Rare. $65.00

159. **SANGAMO ELECTRIC CO.; Yardstick For Power** . 1st edition, 1949. This book was published to mark the 50th anniversary as manufacturers of electric meters. Great advances had been made during the period, and this book sketches its progress. An excellent historical overview of the electric meter. 93 pages. 35 illus. Very Good condition. Scarce. $40.00

160. **SLOANE, T. O'CONOR; Electic Toy Making** . 1st edition, 1892. This delightful book contains many electric devices for the amateur builder to experiment with. Projects include induction coil, electric insects, electric dancer, incandescent lamp, electric artillery, electric gymnastics and many other interesting subjects. 140 pages. 53 illus. Good + condition. Scarce. $45.00

161. **STEINMETZ, CHARLES PROTEUS; Alternating Current Phenonmena** . 3rd edition, 1900. This book contains the theory and calculation behind alternating current. Covered in depth are polyphase induction motors, alternating current generators, transformers, dielectric losses, phase control, and general waves. A nice copy of a landmark book written by a pioneer in alternating current theory. From The IEEE Library. 525 pages. 210 illus. Good + condition. Scarce. $45.00

162. **STEINMETZ, CHARLES PROTEUS; Theoretical Elements of Electrical Engineering** . 3rd edition, 1909. This book contains the theory and calculation behind A.C. and D.C. motors. Covered in depth are polyphase induction motors, alternating current generators, transformers, dielectric losses, phase control, and general waves. A seldom title. 455 pages. 239 illus. Good + condition. Rare. $30.00

163. **STILL, ALFRED; Soul Of Amber - The Background Of Electrical Science** . 1st edition, 1944. Electrical history from the earliest times, with the development of ideas, electrical machines, apparatus, instruments and theories of modern times. Well documented, with a chronological table and many chapter references. Companion volume to "Soul Of Loadstone", includes a chipped dust jacket. An excellent book! 274 pages. Very Good condition. Scarce. $35.00

164. **THOMPSON, SILVANUS P.; Elementary Lessons in Electricity and Magnetism** . 5th edition, 1888. An exceptionally early textbook on the subject. Covered are these various areas: electrostatics, electromagnets, electrical measurement, electric light, electric telegraphs and telephones. This 5th edition includes the determination of the true value of the Ohm. The cover is nicely embossed in silver. 456 pages. 170 illus. Good + condition. Scarce. $30.00

165. **THOMSON, SIR WILLIAM; Electrostatics and Magnetism** . 1st edition, 1872. This book was written by Sir William Thomson, also known as Lord Kelvin. Consisting chiefly of reprinted articles on Electrostatics and electromagnetism, it was originally published within the last 30 yrs. Electrometers, leyden jars, and induction coils are all covered in this rarely seen volume. The spine is slightly worn, it's a nice copy! 592 pages. Good + condition. Rare. $165.00

166. **TREVERT, EDWARD; Experimental Electricity** . 1st edition, 1890. An early book containing instructions on how to make a galvanometer, induction coil, telegraph instrument, electric motor and dynamo. 164 pages. 85 illus. Very Good condition. Scarce. $30.00

167. **TYNDALL, JOHN; Faraday as a Discoverer** . 1st edition, 1873. The first biography written about the father of modern electricity, he developed the facts, relations, principles, and laws of electric current. Based upon his discoveries, the electric motor, telephone, and eventually wireless telegraphy were invented. 171 pages. Good + condition. Rare.$65.00

168. **UNDERHILL, CHARLES R.; Solenoids Electromagnets and Electromagnetic Windings** . 1st edition, 1910. An uncommon topic, this book explains the evolution of the solenoid as well as various types of electromagnets. Many illustrations accompany the text, allowing a thorough treatment of the subject. The winding of coils is dealt with in depth, one of the best books on the subject. 342 pages. 223 illus. Very Good condition. Scarce. $25.00

169. **WESTON ELECTRICAL INSTRUMENT COMPANY; Weston Monographs** . 1st edition, 1922. Subtitled: "The Selection of Electrical Measuring Instruments and Their Use in Elementary Electrical Testing". This monograph includes B-1, B-2 and B-3 and was intended to be of material assistance to the science teachers in matters pertaining to electrical apparatus and experiments in High School and College Laboratories. 56 pages. 27 illus. Very Good condition. Scarce. Softcover. $20.00

HISTORY OF RADIO

170. **ARCHER, GLEASON; Big Business and Radio** . 1st edition, 1939. This landmark book may best be described as a history of three simultaneous struggles involving technological, legal, and commercial fronts. Basically, it is the best history of RCA written, also including NBC, CBS, and many other important networks. The top of the spine is chipped, from The IEEE Library 503 pages. 21 photos. Good + condition. Scarce. $75.00

171. **BAARSLAG, KARL; SOS To The Rescue** . 1st edition, 1936. The story of shipwrecks and the wireless operators who were instrumental in saving thousands of lives through their unfailing devotion. The collision between the Republic and the Florida, sinking of the Titanic, and rapid foundering of the Empress of Ireland are only a few of the exciting disasters described herein. 310 pages. 16 photos. Good + condition. Rare. $45.00

172. **BANNING, WILLIAM PECK; Commercial Broadcasting Pioneer; The WEAF Experiment 1922-1926** . 1st edition, 1946. This story demonstrates the pioneering effort proving how nationwide broadcasting as a public service could be financially supported. The text contains an excellent history of early radio broadcasting, and Western Electric's contribution to wireless telegraphy. Includes a nice dust jacket. 308 pages. 29 photos. Very Good condition. Uncommon. $40.00

173. **BARNOUW, ERIK; A Tower In Babel** . 1st edition, 1966. A history of broadcasting in the U.S. to the year 1933. This was the first of three volumes, beginning with Marconi's work in wireless telegraphy, proceeding through WWI and the birth of broadcasting, and ending with the stock market crash and the development of television. The title page has a small hole. Includes a chipped dust jacket. 344 pages. 45 photos. 8 illus. Good + condition. Uncommon. $20.00

174. **BELL TELEPHONE LABORATORIES; A History of Engineering and Science in the Bell System** . 1st edition, 1984. The third volume of a series documenting the significant contributions of the Bell System to telecommunications technology, subtitled Communications Sciences (1925-1980). This book highlights research activities from the adventure of an intercity phone call in the 20's to the present day multitude of data digital electronics sends. 521 pages. Fine condition. Uncommon. Dust Jacket. $25.00

175. **CLEMONS, B.J.; Wake Of The Wirelessman** . 1st edition, 1996. This book provides a first hand account into the real life & adventures of a seagoing wireless pioneer, the author's father. Interspersed throughout the book are original photos complementing the text. An excellent tale, taking one through the world of Dale Clemons, Wireless Operator of the SS Virgo during WWI. 288 pages. 60 photos. New condition. Common. Softcover. $20.00

176. **DAVIS, HARRY M AND FASSET, F.G. JR.; What You Should Know About The Signal Corps** . 1st edition, 1943. This volume presents a bird's eye view of the Signal Corps during WW II. It delves into this branch of the service, describing the duties, operation and its position in the Army. The history of the Signal Corps is covered from the use of the torch to the development of the electronic vacuum tube. Includes a nicely illustrated D/J. 214 pages. 16 illus. Very Good condition. Scarce. $45.00

177. **DOUGLAS, ALAN; Radio Manufacturers Of The 1920's Vol. 3** . 1st edition, 1991. The third volume in this landmark series, it offers an outline history for each of the major firms from R through Z. Featured here are company principals and their factories, biographical info on radio pioneers, financial figures, and page after page of hundreds of photos. 292 pages. Fine condition. Common. Dust Jacket. $30.00

178. **DOUGLAS, SUSAN J.; Inventing American Broadcasting 1899-1922** . 1st edition, 1988. An extensive history of wireless telegraphy from Marconi to the broadcast era. I personally recommend this to be the most accurate account of the development of pre 1922 wireless telegraphy. A comprehensive bibliography is included in this well written book. Includes a nicely illustrated dust jacket. 363 pages. Fine condition. Scarce. $55.00

179. **DUNLAP, ORRIN E.; The Story of Radio** . 2nd edition, 1935. A straight-forward account of wireless telegraphy. Including an excellent 31-page description of early television, a very good reference book on early broadcasting, written by a noted author. 326 pages. 15 photos. Good + condition. Uncommon. $30.00

180. **DUNLAP, ORRIN E. JR.; Radio's 100 Men Of Science** . 2nd edition, 1944. A superb volume containing a wealth of information and reference for both the general reader and the historian. Each biography is written as a personal story as well as a record of the unique contribution of each scientist. The best reference source of its kind. 294 pages. 98 photos. Very Good condition. Scarce. $55.00

181. **FABRE, MAURICE; A History of Communications** . 1st edition, 1963. In this unusual book the well-known writer describes and analyzes the immense network of communications upon which our world relies, clearly and concisely tracing the fascinating history of the development of communications. He begins with the invention of the movable type and works his way through the telegraph, radio and television. 112 pages. 103 illus. Very Good condition. Scarce. Dust Jacket. $30.00

182. **GOLDSMITH, ALFRED N. & LESCARBOURA, AUSTIN A.; This Thing Called Broadcasting** . 1st edition, 1930. A panoramic view of American broadcasting with historical details and a nice account of the industry in general, including the social and political side. An important volume on the history and development of radio broadcasting, the front cover is nicely embossed with a silver Western Electric microphone. 362 pages. 26 illus. Very Good condition. Scarce. $45.00

183. **GRAY, JACK; Bits of Wireless History** . 1st edition, 1969. An excellent description of the history of wireless, written by Jack Gray, a well-known radio historian and museum curator. This volume is illustrated with photos of rare wireless apparatus from his collection. Presentation copy to Dick Egolf W2WX, signed by the author. 60 pages. 72 photos. Fine condition. Scarce. Softcover. $25.00

184. **HANCOCK, H.E.; Wireless at Sea: The First Fifty Years** . 1st edition, 1950. This important work covers the birth of wireless and the development of the Marconi Marine Communication Co. Published in commemoration of the 50th anniversary of the Marconi Marine Co., it contains many nice photos of wireless installations. A must for the historian. The spine is faded. 233 pages. 80 photos. Very Good condition. Rare. $55.00

185. **HILL, JONATHAN; The Cat's Whisker** . 1st edition, 1978. In this popular illustrated book, the author traces the history of the wireless set from the efforts of the early amateur enthusiasts through its heydey in WWII to its eclipse with the advent of television. Contains many photos of early sets and early tube apparatus. In perfect condition. Includes a nicely illustrated dust jacket. 96 pages. 122 photos. Very Good condition. Uncommon. $35.00

186. **LEWIS, C.A.; Broadcasting From Within** . 1st edition, 1924. This early work was written by a popular officer of the British Broadcasting Company during its very first year of existence. It contains a history of British broadcasting, along with a look ahead, portrayed in a manner that shows the author's obvious zeal for the subject. The bottom of the spine is chipped. 177 pages. 16 photos. Good + condition. Scarce. $30.00

187. **MACLAURIN, W. RUPERT; Invention And Innovation In The Radio Industry** . 1st edition, 1949. This book deals in part with the inventions of some of the pioneer scientists and engineers. Included is material covering the history of radio and television companies and the patents which affected their growth or demise. It is an excellent reference work, referred to by many writers. 304 pages. Fine condition. Scarce. Dust Jacket. $55.00

188. **MCMAHON, MORGAN; Vintage Radio** . 3rd edition, 1981. Morgan McMahon's expansion of Greenwood's original edition containing the best pictorial display of radio receivers, transmitters, tubes, horns and parts from the 1887 - 1929. The main reference book for the collector-historian of 1920's vintage radios. 263 pages. Very Good condition. Common. Softcover. $20.00

189. **MCMAHON, MORGAN; A Flick Of The Switch 1930-1950** . 1st edition, 1987. A companion & sequel to Vintage Radio, covering the main radio & TV broadcasting era. Hundreds of sets are pictured of home radios & TV's as well as amateur sets of pre-war and wartime vintage. 312 pages. Very Good condition. Scarce. Softcover. $20.00

190. **MCMAHON, MORGAN E.; Radio Collector's Guide 1921 - 1932** . 1st edition, 1973. This book fills the need for information on radio sets made from 1921 through 1932. It is the ideal aid to the collector, historian and dealer. Containing 50,000 facts about early radios, it is a convenient size for the roving collector. This book is highly recommended as a companion to "Vintage Radio", also published by the same author. 264 pages. Very Good condition. Common. Softcover. $15.00

191. **MCNICOL, DONALD; Radio's Conquest Of Space** . 1st edition, 1946. This book contains a personalized history of wireless telegraphy up to and including radar, by a man who began his wireless career in 1900. The best history of radio written in the 1940's. 374 pages. 53 illus. Fine condition. Scarce. Dust Jacket. $30.00

192. **MCSPADDEN, J. WALKER; How They Sent The News** . 1st edition, 1936. From caveman signs to television, this volume ties together chronologically many methods of signalling as well as the apparatus used. Separate chapters include telegraphy, wireless, telephony and television. A neat way to look at this history! The first copy we've had for sale. 254 pages. 16 photos. Very Good condition. Scarce. $55.00

193. **MORGAN, JANE; Electronics In The West - The First Fifty Years** . 1st edition, 1967. This book concentrates on the early history and development of electronics in the western United States, primarily the San Francisco area. Philo Farnsworth, Lee DeForest, Hewlett, and Packard are just some of the important men covered in this volume. Includes a nicely illustrated dust jacket. 194 pages. 70 illus. Very Good condition. Scarce. $40.00

194. **PAUL, FLOYD; Radio Horn Speaker Encyclopedia** . 1st edition, 1986. Written by an expert in the field, a history of the horn speaker's development and companies involved, along with a photographic encyclopedia of both common and rarely seen horns. This book should be on every radio collector's bookshelf. 81 pages. Very Good condition. Uncommon. Softcover. $25.00

195. **RADIO CLUB OF AMERICA; 50th Anniversary Yearbook 1909-1959** . 1st edition, 1959. A history of activities and wireless pioneers active in the Radio Club Of America from 1909 to 1959. Contains many photos & articles seldom seen elsewhere, as well as a biographical sketch of its members. A must for the historian! Filled with photos of early wireless apparatus and primitive stations. 216 pages. Very Good condition. Rare. Softcover. $55.00

196. **RADIO CLUB OF AMERICA; Seventy-Fifth Aniversary Diamond Jubilee Yearbook** . 1st edition, 1984. A very special history, incorporating the 25th and 50th anniversary yearbooks. This is the story of the men who formed wireless communications; a tribute to their greatest achievements. Filled with photographs of early apparatus, wireless stations, and inventors. 297 pages. Very Good condition. Common. Softcover. $25.00

197. **RECK, FRANKLIN M.; Radio From Start To Finish** . 1st edition, 1942. From Marconi's early experiments to the beginning of television, this historical account moves one comfortably through the early days of radio. Many photos depict broadcasting studios in their infancy, providing a bird's eye account of day to day activities. Ex-lib. 160 pages. 65 photos. 22 illus. Good + condition. Scarce. $20.00

198. **RYDER, JOHN D. AND FINK, DONALD G.; Engineers & Electrons** . 1st edition, 1984. The story of the technical development of electricity, containing hundreds of rarely seen photos from the archives of the IEEE library. A detailed bibliography is present at the end of each chapter. Published by the IEEE Press, this is a highly recommended history of the electrical field. Includes a nicely illustrated dust jacket. 251 pages. Very Good condition. Uncommon. $35.00

199. **SCHUBERT, PAUL; The Electric Word: The Rise Of Radio** . 1st edition, 1928. A narrative of the rise of radio from the discovery of Hertzian waves to its position of eminence in 1928. Principally concerned with the practical use of radio as a system of communication, adequate attention is also given to its scientific aspects. 311 pages. Very Good condition. Scarce. $35.00

200. **SIEVERS, MAURICE L.; Crystal Clear: Vintage American Crystal Sets and Crystal Detectors Volume 2** . 1st edition, 1995. The first word, the last word, and everything in between regarding American crystal sets, detectors and crystals. Written by a radio lover and collector, Crystal Clear presents a history both written and through photos of common, rare, and unusual crystal sets. The most accurate & comprehensive reference book on Crystal sets. All new Info! 252 pages. 350 photos. 160 illus. New condition. Common. Softcover. $25.00

201. **WANDER, TIM; 2MT Writtle: The Birth Of British Broadcasting** . 1st edition, 1988. This book charts the struggle to achieve a broadcasting service in England- from the famous broadcast of Dame Nellie Melba in Chelmsford, through Writtle's sparkling success to the birth of the BBC. Included are separate historical/technical appendices on the Chelmsford and 2LO stations and biographies of early pioneers. Mostly pre-1923 history. 179 pages. 58 photos. Fine condition. Common. Dust Jacket. $15.00

JUVENILE

202. **DORRINGTON, ALBERT; The Radium Terrors** . 1st edition, 1912. An interesting mystery centering on the theft of a tube of radium and a madman who uses it to produce blindness in his victims. Written in 1912, a scarce example of the newly discovered substance- RADIUM!!! 361 pages. 4 illus. Very Good condition. Rare. $45.00

203. **DUFFIELD, J. W.; Bert Wilson, Wireless Operator** . 2nd edition, 1924. A famous juvenile series book, that includes the scarce dust jacket. The spine of the dust jacket is damaged with about 40% loss, but the rest of the dust jacket is perfect and wonderfully illustrated! 220 pages. Very Good condition. Scarce. $45.00

204. **ELLIS, EDWARD S.; The Telegraph Messenger Boy** . 2nd edition, 1904. Originally published in 1889, this is the one of the earliest juveniles written about a Western Union telegraph messenger and his exploits. Includes some fine illustrations and a colorful front cover, in near perfect condition. 263 pages. Very Good condition. Scarce. $35.00

205. **GLENDINNING, VICTORIA; Electricity: A Novel** . 1st edition, 1995. Electricity is a novel set in Victorian times about a young woman who marries an electrical engineer. Her exploits are entertaining as well as the background, a glimpse of life in early telegraphic times. 250 pages. Fine condition. Common. Dust Jacket. $20.00

206. **HANCOCK, H. IRVING; The Motor-Boat Club and the Wireless** . 1st edition, 1909. The subtitle is: The Dot, Dash and Dare Club! One of the earliest of the juvenile wireless series, this one is packed with adventure & suspense. 256 pages. Good + condition. Scarce. $25.00

207. **LAWTON, CAPT. WILBUR; The Ocean Wireless Boys On The Atlantic** . 1st edition, 1914. Here's a hard to find children's title with a nice illustration of a ship's wireless operator on the front cover. 308 pages. Good + condition. Scarce. $30.00

208. **TROWBRIDGE, JOHN; The Electrical Boy** . 2nd edition, 1896. A very early fiction based on the subject of electricity. The cover and spine are nicely illustrated and embossed with telegraph poles and a flying "Nymph" stringing telegraph wires with the caption; "I'll Put a Girdle 'Round the Earth In Forty Minutes". The nicest copy of this rare title we've seen! 390 pages. Very Good condition. Rare. $115.00

209. **WESTERMAN, PERCY F.; The Wireless Officer** . 1st edition, 1915. This is a seldom seen title describing the exploits of the wireless officer at sea. 320 pages. 4 illus. Good + condition. Rare. $35.00

LIGHT BULBS

210. **BRIGHT, ARTHUR R. JR.; The Electric Lamp Industry** . 1st edition, 1949. This is an in-depth study of the economic and historical development of the electric lamp industry. It covers the first scientific demonstrations shortly after 1800 to the end of World War II. Includes an extensive 6 page bibliography. The ultimate book on the subject. Includes a nice dust jacket. 526 pages. 42 illus. Fine condition. Scarce. $55.00

211. **EDISON ILLUMINATING COMPANIES (PUBLISHER); "Edisonia"** . 1st edition, 1904. A brief history of the early Edison electric lighting system published for the visiting foreign dignitaries to the St. Louis International Electrical Congress held at the World's Fair in 1904. It consists of a catalog showing many rare lamps from the "W.J. Hammer" collection, as well as photos of the Edison displays at the fair. A Super item! 213 pages. 105 illus. Good + condition. Very Rare. $185.00

212. **FLEMING, JOHN AMBROSE; Electric Lamps and Electric Lighting** . 2nd edition, 1899. This book is divided into four parts, the first is measurement, the second is Glow (Incandescent), the third is Arc lamps, and the last is distribution systems. Of great interest is the 20 page investigation of the electron flow from the filament to a plate placed inside of the bulb's envelope! (Fleming Valve)! Bound by The Patent Office library. 272 pages. 102 illus. Good + condition. Very Rare. $195.00

213. **FONTAINE, HIPPOLYTE (HIGGS, PAGET- TRANSLATOR); Electric Lighting** . 1st edition, 1878. An incredible book on the electric light! This is the earliest date I have seen for a volume dedicated to the various forms of electric lighting. It covers carbon arc lamps, magneto-electric machines, various forms of Grammes machines & their applications. One chapter is devoted to incandecsent lighting, tho before Edison. Super Condition!! 194 pages. 48 illus. Fine condition. Very Rare. $235.00

214. **HERING, CARL; Universal Wiring Computer** . 1st edition, 1891. This book was used as a wiring computer for determining the size of wires for incandescent lamp leads, along with notes and charts on electrical wiring. 44 pages. 5 illus. Very Good condition. Rare. $25.00

215. **HOUSTON, EDWIN AND KENNELLY, A.E.; Electric Arc Lighting** . 3rd edition, 1906. An early history of arc lighting including its elementary principles and applications. Profusely illustrated with many early arc lamps, both for the home and industry. The author, along with Elihu Thomson founded the Thomson-Houston company, one of the pioneering companies in arc lighting technology. This is the 3rd, and most complete edition 455 pages. 175 illus. Very Good condition. Rare. $115.00

216. **HOWELL, JOHN W. AND SCHROEDER, HENRY; The History of the Incandescent Lamp** . 1st edition, 1927. The first full-length book written on the history of the incandescent lamp. Profusely illustrated, this book covers the development of the dynamo from 1831, as well as the incandescent lamp back to 1820. Many rare lamps from 1879 - 1901 are shown. 208 pages. 98 photos. 25 illus. Very Good condition. Scarce. $45.00

217. **KEATING, PAUL W.; Lamps For A brighter America** . 1st edition, 1954. A history of the General Electric lamp business. It contains an excellent early look into the invention and development of the incandescent lamp, and the vast industry that was spawned by it. A very informative book. 246 pages. Very Good condition. Uncommon. $30.00

218. **POPE, FRANKLIN LEONARD; Evolution of the Electric Incandescent Lamp** . 1st edition, 1889. The first book written on the history of the electric light, it includes the early work of Sawyer and Man, and Edison, & describes the commercial uses of the incandescent lamp. A must for every lamp collector's bookshelf. Ex-Library, the cover is worn at the extremeties 91 pages. 20 illus. Good condition. Rare. $65.00

219. **RUSSELL, STUART A.; Electric Light Cables** . 1st edition, 1892. This is one of the first books to explore the electric light cable and distribution system. Insulating material, types of wire and substations are all dealt with in this volume. One of the chapters is dedicated to looking at the various stations in Europe and the U.S.- very interesting! The last chapter looks at the testing of circuits. 319 pages. 107 illus. Good + condition. Rare. $55.00

220. **SCHROEDER, HENRY; History of Electric Light** . 1st edition, 1923. The development of electric lighting prior to, and just after Edison's invention, and the generators involved in producing the electricity needed. Profusely illustrated with many rare photos of light bulbs and sockets. The spine is slightly chipped, otherwise this is a nice copy of a rarely seen title. 95 pages. 95 illus. Very Good condition. Very Rare. Softcover. $95.00

221. **SMITHSON, H. AND SHARPE, E.R.; Arc Lamps** . 1st edition, 1899. This book was written to give advice and hints on practical ways of trimming and running arc lamps of various makes. Non-technical in nature, this is the first copy we've seen. From The Patent Office Library in Washington. 49 pages. Good + condition. Rare. Softcover. $55.00

222. **SOLOMON, MAURICE; Electric Lamps** . 1st edition, 1908. A practical treatise on the commercial version of the electric light including an excellent chapter on the Nernst lamp as well as carbon - filament and arc lighting.From The Scientific Library at the U.S. Patent Office, the top of the spine is chipped. 321 pages. 112 illus. Good condition. Scarce. $35.00

223. **SWAN, M.E. AND K.R.; Sir Joseph Wilson Swan F.R.S.** . 1st edition, 1929. An important memoir about the inventor of the incandescent lamp- yes he did beat Edison!! His life story is narrated progressively and accompanied by personal photos. A must for the historian of electric lamps, it includes a rarely seen dust jacket. This is a presentation copy: "With The Author's Compliments, May 1941"! 183 pages. 6 photos. Fine condition. Scarce. $85.00

224. **TAMES, RICHARD; Thomas Edison** . 1st edition, 1990. Published by Franklin Watts this is one of the LIFETIMES Series. It is an exciting biographical series which uses authentic photos and a lively narrative to show the life and work of Tom Edison, some of which I've never seen before. 32 pages. 30 photos. Fine condition. Common. $20.00

225. **URQUHART, JOHN W.; Electric Light Fitting** . 3rd edition, 1898. A rarely seen book, this volume concentrates not only on the lamp itself, but also dynamos, voltmeters, fuses, and arc lamps using many fine illustations of early apparatus. At the end of the book is a 68- page catalog on scientific and technical books. 316 pages. 95 illus. Very Good condition. Rare. $65.00

MOTORS/DYNAMOS

226. **BADT, FRANCIS; Dynamo Tenders' Handbook** . 1st edition, 1894. This book was used by dynamo tenders, engineers, lineman, and installers who were required to know the operation, care, and maintenance of electric light and power installations. This copy is from the Brooklyn Navy Yard, the covers are worn. 226 pages. 138 illus. Good condition. Rare. $30.00

227. **BOTTONE, S.R.; The Dynamo** . 1st edition, 1884. This early book describes how dynamos are made and how they were used. Details are given on constructing your own dynamo! First copy of this title we've had. 73 pages. 39 illus. Good + condition. Rare. $35.00

228. **CROFTS, ALFRED; How To Make A Dynamo: A Practical Treatise For Amateurs** . 2nd edition, 1889. This book contains numerous illustrations and detailed instructions for constructing a small dynamo "to produce the electric light". From the castings to the windings, it's all explained in this volume. 102 pages. 33 illus. Good condition. Rare. $25.00

229. **HORSTMANN, HENRY C. AND TOUSLEY, VICTOR H.; Dynamo Tending For Engineers** . 1st edition, 1904. This book not only covers dynamos, but also includes arc lamps, and many different types of meters such as the T-H wattmeter etc.. The cover is nicely embossed with an illustration of an early dynamo. 207 pages. 110 illus. Very Good condition. Scarce. $30.00

230. **KING, W. JAMES; The Development Of Electrical Technology In The 19th Century** . 1st edition, 1962. This is bulletin 228 from the Smithsonian Museum Of History and Technology, covering the electrochemical cell and electromagnet. This book starts with the early researches of Galvani and Volta, and culminates with the invention of the electric motor, including Joseph Henry's electromagnet and Davenport's motor. Many nice illustrations! 41 pages. 71 illus. Fine condition. Uncommon. Softcover. $25.00

231. **SWINGLE, CALVIN F.; Dynamo-Electric Machines and Central Station Equipment** . 1st edition, 1911. A complete practical exposition of the principles governing the construction and action of dynamo-electric generators, electric motors , transformers and other station equipment. Arc lamps are covered in detail, with many illustrations of early apparatus. A note inside describes the previous owner/operators & their ship related deaths. 379 pages. 696 illus. Good + condition. Scarce. $35.00

232. **THOMPSON, SILVANUS P.; Dynamo-Electric Machinery** . 7th edition, 1904. An excellent 2 Vol. set containing many illustrations and descriptions of arc-lighting dynamos, motors, generators, transformers, and alternators. Portrays many engravings of early motors and dynamos, including 54 folding plates. The most exhaustive study up to its time. On Vol. 1 the spine has been replaced, from The IEEE Library. 1832 pages. 999 illus. Good condition. Rare. $95.00

MISCELLANEOUS

233. **FRARY, FRANCIS C.; TAYLOR, CYRIL S. AND EDWARDS, JUNIUS D.; Laboratory Glass Blowing** . 2nd edition, 1928. An easy to follow treatment of the subject designed with the student at heart. Areas discussed include glass & its working characteristics, bending, cutting, drawing out, joining, blowing a bulb, sealing in a a platinum wire, and joining glass to metal. 116 pages. 30 illus. Very Good condition. Scarce. $55.00

234. **KAHN, DAVID; The Codebreakers** . 1st edition, 1967. The first and most comprehensive history of secret communication from ancient times to the threshold of outer space. Described are the events which molded modern cryptology, methods used to break cyphers, and especially many fascinating stories about the code breakers in action. Includes an extensive reference & bibliography section. 1164 pages. 35 photos. 160 illus. Very Good condition. Scarce. Dust Jacket. $65.00

235. **LODGE, SIR OLIVER; Reason and Belief** . 11th edition, 1929. Lodge's personal outlook on the New Testament. In this book he deals with the subject of incarnation in general, and furnishes hints and suggestions for the effective treating of the Old Testament in the light of the Doctrine of Evolution. 212 pages. Very Good condition. Scarce. Dust Jacket. $15.00

236. **POPULAR SCIENCE STAFF; Book of Formulas: Recipes, Methods & Secret Processes** . 10th edition, 1938. This compilation of formulas is the result of extensive research done for the Popular Science Monthly. From A to Z, practical advice on how to make many tried & true formulas including adhesives, cleaning solutions, home chemist's guide, glass working, photography etc.. An excellent handy man's reference. 250 pages. Very Good condition. Scarce. $15.00

237. **SCHOLES, SAMUEL R.; Modern Glass Practice** . 3rd edition, 1946. This text provides both a scientific and general view of the subject. From composition to raw materials & manufacture processes, a complete treatment of glass is explored. Neat! 289 pages. 48 photos. 79 illus. Very Good condition. Scarce. $40.00

238. **SHENSTONE, W.A.; The Methods of Glassblowing** . 1st edition, 1916. Everything that a novice needs to know about the art of glass blowing is presented here in a concise & easy-to-follow form. Many illustrations complement the text. 98 pages. 42 illus. Very Good condition. Rare. $40.00

Miscellaneous

239. **WURLITZER, LEONIE; Wurlitzer Centennial Cook Book** . 1st edition, 1956. This cookbook serves as a commemoration of The Wurlitzer Co's century of musical achievement, 1856 - 1956. The cover is nicely embossed and is in perfect condition. This cook book is the result of Leonie and Marguerite Wurlitzer gathering up their choicest recipes in 1925 and publishing them for their family and friends. 172 pages. Very Good condition. Scarce. $25.00

PHONOGRAPH

240. **DU MONCEL, COUNT; The Telephone, The Microphone, and The Phonograph** . 1st edition, 1882. An English edition of the famous treatise covering the telephone, microphone and phonograph. Included are all the various systems of telephones and phonographs developed up to the time. Many engravings of early apparatus are portrayed. The front cover has a stain on the edge, and the rear cover is dampstained. 363 pages. 74 illus. Good condition. Rare. $95.00

241. **HOOVER, CYNTHIA A.; Music Machines- American Style** . 1st edition, 1971. This pictorial catalog was written to accompany an exhibition by the Smithsonian developed in the early 1970's. From early talking machines to the radio, theremin and even Moog synthesizer, it provides an entertaining historical overview. Includes many great photos. 139 pages. 219 photos. Very Good condition. Uncommon. Softcover. $25.00

242. **NATIONAL PHONOGRAPH CO.; The Phonograph And How To Use It** . 1st edition, 1900. A super book for the phonograph collector, this includes a history of its invention and development, as well as a complete discription of many machines, such as the Gem, Concert, "M" & " E" Electric, the "H" & "M" coin slot etc. Profusely illus.. The covers are dirty and the front blank endpaper has the owner's name & address written in pencil. 181 pages. Good condition. Rare. $95.00

243. **PRESCOTT, GEORGE B.; The Speaking Telephone, Electric Light, and Other Recent Electrical Inventions** . 1st edition, 1879. This exceedingly rare book is the first to describe and illustrate the telephone and the electric light in such detail together. A total of 291 pages are devoted to the telephone, with many illustrations. A chapter is also devoted to the phonograph. Rebound in the 30's, the endpapers are soiled. 616 pages. 319 illus. Good condition. Very Rare. $115.00

244. **READ, OLIVER AND WELCH, WALTER L.; From Tinfoil To Stereo** . 1st edition, 1959. This book is the most comprehensive and best illustrated story of the phonograph from 1877 on up through the complex series of developments and inventions to the world of stereo in the late 50's. An extensive bibliography is included, as well as hundreds of photos and illustrations of early machines. 524 pages. Very Good condition. Uncommon. $65.00

POST 1930 RADIO

245. **(MANUSCRIPT); Manuscript Collection of Norman F. Schlaack- Bell Telephone Laboratory Engineer** . 1st edition, 1934. This unique collection belonged to Norman Schlaack and consists of 3 Bell Labs notebooks from the 1930-1932 era loaded with tests and experiments in the development of VHF. Also included are 2 notebooks from 1954 containing many original photos, blueprints & data on the TD-2/TH microwave transmitter. This collection weighs over 12 pounds! Very Good condition. Very Rare. $195.00

246. **BOLTZ, C.L.; Everyman's Wireless** . 1st edition, 1932. If anyone is interested in learning wireless theory as well as the basic math involved from the ground up, this is the book for you. It is a thorough study, covering all aspects of the science. 335 pages. 209 illus. Good + condition. Uncommon. $15.00

247. **BRITISH BROADCASTING CORPORATION; The BBC Handbook For 1940** . 1st edition, 1940. This edition, which was a yearly publication, became the bible for the broadcast enthusiast in Great Britian. Many fine articles of social and technical matters pertaining to the war are included, accompanied by illustrations. Even developments in television are discussed. Includes a nicely illustrated dust jacket. 128 pages. Very Good condition. Scarce. $25.00

248. **DOWSETT, H. M.; Handbook Of Technical Instruction For Wireless Telegraphists** . 6th edition, 1939. A complete textbook providing theory, and practical information on all types of transmitters and receivers. Profusely illustrated, this volume covers many specific receivers; RDF equipment, microphones and transmitters including unusual Marconi Co. sets. Nice! 624 pages. 578 illus. Good + condition. Scarce. $30.00

249. **FROST-SMITH, E.H.; Theory and Design of Magnetic Amplifiers** . 1st edition, 1958. The 1st of a series, this book dscribes magnetic amplifier theory and associated designs. It is intended for use by the engineer in automatic systems such as missiles. 487 pages. 294 illus. Very Good condition. Scarce. $20.00

250. **GHIRARDI, ALFRED A.; Radio Troubleshooters' Handbook** . 3rd edition, 1943. Intended as a companion book to "Modern Radio Servicing". This is a practical working handbook designed to supply a wealth of factual servicing data for shop use by radio repairmen. Includes many charts and lists such as the Signal Corps Army VT # with cross references to normal tube types. An excellent book complete with it's dust jacket! 744 pages. Very Good condition. Uncommon. $35.00

251. **GHIRARDI, ALFRED AND JOHNSON, J. RICHARD; Radio & Television Receiver Troubleshooting and Repair** . 1st edition, 1952. The primary purpose of this well-written book is to supply all of the knowledge in a carefully planned, coordinated course of practical servicing instruction that will readily help the reader to acquire the information and skills to properly repair radios and televisions. This is the best text for repairing- I should know, this is the one I used! 822 pages. 498 illus. Very Good condition. Uncommon. $30.00

252. **MARKUS, JOHN; Television and Radio Repairing** . 2nd edition, 1961. This volume was written by the feature editor of "Electronics" magazine, considered an expert in his field. Covers all areas of radio troubleshooting with a minimum of theory and mathematics, containing simple step-by-step instructions for testing, repairing and replacing of parts. The cover is a little worn. 568 pages. 287 illus. Good + condition. Uncommon. $20.00

253. **MASON, WARREN P.; Piezoelectric Crystals and Their Application to Ultrasonics** . 1st edition, 1950. One of the Bell Telephone Laboratory Series, this book came from the IEEE Library in New York. This book is the result of Bell's research & development of piezoelectric crystals and their application to such communication equipment as filters, oscillators & transducers. It describes the experimental & theoretical of crystals. Covers are worn. 508 pages. 74 illus. Good + condition. Scarce. $25.00

254. **MOLLOY, E.; Aeroplane Radio Equipment** . 1st edition, 1941. This excellent book describes Marconi, Standard, and North American radio equipment, with special notes on direction finding equipment, Lorenz equipment, and bonding and screening. Includes a nice dust jacket. 132 pages. 39 photos. 20 illus. Very Good condition. Scarce. $45.00

255. **MORGAN, ALFRED; The Boys' First Book Of Radio And Electronics** . 1st edition, 1954. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations make it a simple process to build your own radio receiver and explain the principles upon which they operate. Includes a nicely illustrated dust jacket. 229 pages. Very Good condition. Scarce. $40.00

256. **MORGAN, HOWARD K.; Aircraft Radio And Electrical Equipment** . 2nd edition, 1941. The most complete text on aircraft radio I've seen. The fundmentals of both transmitters and receivers are covered in depth, including direction finders and UHF equipment. Many individual commercial aircraft receivers are described, as well as schematics, parts lists and specs; RCA, Western Electric, and Bendix to name a few. 374 pages. 213 illus. Very Good condition. Scarce. Dust Jacket. $40.00

257. **RCA; RCA Victor Service Notes Volume II 1938 - 1942** . 1st edition, 1944. This is the abridged edition of the famous RCA service notes. It contains service data on RCA radio receivers, phonographs, and televisions. A complete index to the RCA service notes is included, spanning from 1923 - 1942. A very useful tool for the bookshelf! 816 pages. 999 illus. Good + condition. Scarce. $35.00

258. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1937** . 1st edition, 1941. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even amateur receivers. A nice volume for the serviceman's bookshelf. 384 pages. Good + condition. Scarce. $30.00

259. **ROSS, FRANK JR.; Radar and Other Electronic Inventions** . 1st edition, 1954. The historical development of radar is presented here, followed by other electronic inventions such as closed-circuit TV, the electron microscope and computer. An excellent view of the rapid advances during the 1950's. Ex-Library 244 pages. 218 photos. Good + condition. Uncommon. $15.00

260. **ROTH, CHARLES H. JR.; Use of The Oscilloscope** . 1st edition, 1970. This large format book provides a complete self-teaching program, beginning with the deflection of the electron beam and continuing through correct usage of the triggering controls to measure the phase difference between two waveforms. There are literally hundreds of diagrams, graphs, pictures, and formulas to help understand and follow 219 pages. Fine condition. Uncommon. Dust Jacket. $20.00

261. **SAMS, HOWARD W.; Radio Industry Red Book** . 1st edition, 1948. The first edition of the red book, a replacement parts buyer's guide. This edition covers 1938 to 1948 radio receivers. This is a single accurate volume, giving instant reliable data on major replacement parts used during the ten year period. Covers tubes, transformers, IF coils, speakers, controls, vibrators etc.. NEAT!! 448 pages. Very Good condition. Rare. Softcover. $55.00

262. **STERLING, GEORGE E.; The Radio Manual** . 4th edition, 1950. A profusely illustrated manual, including many photos of early commercial transmitting and receiving equipment. This book specializes in aeronautical and maritime electronics such as radio direction finders and auto alarms. An extensive chapter on television is provided as well as FM & broadcast studio equipment. 890 pages. 584 illus. Very Good condition. Uncommon. $35.00

263. **TERMAN, FREDERICK; Measurements In Radio Engineering** . 1st edition, 1935. This comprehensive engineering text discusses the measuring problems encountered in the radio field. All circuits and techniques are discussed in depth, with many experiments explained in detail. 400 pages. 210 illus. Fine condition. Uncommon. $20.00

264. **VALKENBURGH, VAN; NOOGER & NEVILLE INC.; Basic Electronics** . 1st edition, 1955. This set contains 6 volumes and is published by Rider Publications Inc.. If you need to learn about electronics and want the easy way out, then this is the way to go! From power supplies to audio amplifiers, this profusely illustrated (over 1150 line drawings) volume covers it all! 648 pages. Very Good condition. Uncommon. Softcover. $25.00

PHYSICS

265. **ELIOT, CHARLES W.; Harvard Classics** . 2nd edition, 1910. This volume is a collection of scientific papers by Faraday, Helmholtz, Kelvin, Newcomb, and Geikie. Its contents include: The Forces of Matter, The Chemical History of a Candle, On the Conservation of Force, Ice and Glaciers, The Wave Theory of Light, The Tides, The Extent of the Universe, and Geographical Evolution. 367 pages. 134 illus. Very Good condition. Scarce. $15.00

266. **GUTHRIE, A. AND WAKERLING, R.K.; Vacuum Equipment and Techniques** . 1st edition, 1949. This McGraw -Hill text is one of a series prepared as a record of research for The Manhattan Project. This volume is primarily a compilation of observations made in the development of high vacuum equipment for use in electromagnetic separation plant. 264 pages. 132 illus. Very Good condition. Rare. $55.00

267. **HAZEN, ROBERT M.; The Breakthrough: The Race For the Superconductor** . 1st edition, 1988. This is the firsthand, insider's account of a discovery & the subsequent month of hectic research and experimentation which made possible the mnumental breakthrough. Written by one of three scientists involved, it provides an exciting view of the scientific process. 271 pages. 22 illus. Fine condition. Common. Dust Jacket. $15.00

268. **JNANANANDA, SWAMI; High Vacua- Principles, Production and Measurement** . 1st edition, 1947. This book represents the culmination of four decades of work with vacuum pumps, describing variations and modifications necessary for efficient operation. The fundamentals of gases are discussed, as well as measuring devices, getters, and gauges associated with vacuum work. An excellent reference on the subject. 310 pages. 133 illus. Very Good condition. Rare. $75.00

RADAR

269. **BELL TELEPHONE LABORATORIES; Radar and Your Telephone** . 1st edition, 1946. A colorful presentation produced by Bell Labs for the general public to inform them on the gigantic part they played in radar development throughout the war. Oblong in shape, this is the first copy we've seen. 28 pages. Very Good condition. Scarce. Softcover. $20.00

270. **BOWEN, E.G.; A Textbook Of Radar** . 2nd edition, 1954. A compilation of information on the basic principles of radar and their application. It is the collective work of the Radio Physics Lab of the Council For Scientific and Industrial Research. During WWII, this group acted upon the free exchange of science relative to radar, and was responsible for many developments. From The Air Force Library. 617 pages. 41 photos. 350 illus. Good + condition. Scarce. $45.00

271. **GLEMSER, BERNARD; Radar Commandos** . 1st edition, 1953. An exciting story based on a true incident in WW II, in which the experimental German radar installation in Bruneval, France was to be destroyed! This is the first printing of a very hard to find title! Includes a nicely illustrated dust jacket. 180 pages. 30 illus. Very Good condition. Uncommon. $40.00

272. **HALLOWS, MAJOR R.W.; Radar** . 1st edition, 1947. The theory and application of radar explained in simple understandable terms and written by a chief instructor in radar during WWII. Includes a nicely illustrated dust jacket. 140 pages. 8 photos. 59 illus. Very Good condition. Uncommon. $25.00

273. **HEY, J.S.; The Evolution Of Radio Astronomy** . 1st edition, 1973. A fascinating and compelling book documenting the astonishing advances in astronomy achieved by radio. Beginning with Edison and Lodge's experiments in the 1890's, this volume tells the whole story of the research and development of radio astronomy, including Grote Reber, one of the pioneers. 214 pages. Very Good condition. Uncommon. $20.00

274. **M.I.T.; Principles Of Radar** . 3rd edition, 1952. The first post-war volume of this monumental work on Radar, it was also the first published textbook of its kind, as the 1st edition was distributed in separate training courses. This book covers everything known on radar up to that time. 985 pages. 900 illus. Very Good condition. Uncommon. $25.00

275. **OFFICE OF SCIENTIFIC RESEARCH AND DEVELOPMENT; Radar: A Report On Science At War** . 1st edition, 1945. A rarely seen booklet, released on August 15th, 1945. It discusses the history of radar as well as how it worked and the development of wartime radar in the United States. It's applications against the enemy on land, in the sea and in the air are explored in depth. 53 pages. Very Good condition. Rare. Softcover. $45.00

276. **RIDER, JOHN F AND ROWE, G.C. BAXTER; Radar- What It Is** . 1st edition, 1946. Published directly following the war, this book gave the public a basic understanding of radar along with the essential parts of a radar system. Both writers served in WW II, in the signal service. 72 pages. 62 illus. Very Good condition. Scarce. Softcover. $20.00

277. **ROWLAND, JOHN; The Radar Man** . 1st edition, 1964. This is the story of Sir Robert Watson-Watt, whose research led to many advances in the radar field. Includes a nicely illustrated dust jacket. 144 pages. Very Good condition. Uncommon. $25.00

278. **STAFF OF RADIO RESEARCH LABORATORY- HARVARD UNIVERSITY; Very High Frequency Techniques** . 1st edition, 1947. Contained in two volumes, this rarely seen set is the end result of Harvard's research during WWII into developing countermeasures against enemy Radar, and improvements for our own VHF applications. These volumes were organized and prepared by Dr. F.E. Terman. This is the nicest set we've ever come across! 1057 pages. Very Good condition. Rare. $80.00

279. **WATSON-WATT, SIR ROBERT; The Pulse Of Radar** . 1st edition, 1959. This is the autobiography of Sir Watson-Watt, one of the inventors of radar. Here he recounts how he experimented through a veil of secrecy during WWII, and succeeded in producing the first radar stations. Ex-Library. 438 pages. Good + condition. Scarce. $45.00

SOUND/AUDIO

280. **BALLOU, GLEN; The New Audio Cyclopedia** . 1st edition, 1987. A comprehensive, up-to-date reference book which digests years of technical information and technology into a single, authoritative source. Written for the professional audio engineer who either desires a refresher in the basics, or a deeper understanding of sound, sound reinforcement, and acoustics. The ultimate book on audio! 1247 pages. 999 illus. Fine condition. Uncommon. Dust Jacket. $115.00

281. **BERANEK, LEO L.; Acoustic Measurements** . 1st edition, 1949. A clear and concise exposition of acoustic measuring techniques. Topics range from the calibration of microphones and loudspeakers, to evaluation of overall audio systems, with chapters on the audiometer and sound level meter. This book presents material of prime importance to all associated with the field of acoustics. Signed by the Author! 914 pages. 213 illus. Very Good condition. Scarce. Dust Jacket. $75.00

282. **BRIGGS, G.A.; Loudspeakers** . 5th edition, 1961. An excellent reference book containing the problems of design and performance of loudspeakers and enclosures. Separate chapters are devoted to the development of loudspeakers and loudspeaker life and efficiency. Probably the most in-depth work done on the loudspeaker up to its time. 336 pages. 287 illus. Very Good condition. Uncommon. Softcover. $55.00

283. **BRIGGS, G.A. AND GARNER, H.H.; Amplifiers: The Why and How of Good Amplification** . 1st edition, 1952. The problem of obtaining the highest quality from amplifiers is examined from every angle and described in non-technical language. Special attention is paid to phase splitters, push pull circuits, negative feedback, tone compensation, input circuits and cathode followers. An excellent addition to the tube audio freak's library! 216 pages. 174 illus. Very Good condition. Rare. Dust Jacket. $55.00

284. **BROWN, CLEMENT; Introduction To Hi-Fi** . 1st edition, 1961. This book encompasses all areas of Hi-Fi, including stereo. Amplifiers, loudspeakers, records and tapes are thoroughly discussed, providing an excellent introduction to the world of Hi-Fi. In near perfect condition, published by the Gernasback Library. 188 pages. 156 illus. Very Good condition. Uncommon. $25.00

285. **BURSTEIN, HAROLD; Stereo... How It Works** . 1st edition, 1959. Published by the Gernsback Library, this is an early synopsis of the budding field of two channel audio. Stereo effect, simulcasting, dual-groove discs, tape systems, microphones and speakers are described in detail, while many early pieces of stereo gear are displayed. 224 pages. 198 illus. Very Good condition. Scarce. $25.00

286. **COHEN, ABRAHAM B.; HI FI Loudspeakers and Enclosures** . 2nd edition, 1968. A complete treatment detailing the design and application of loudspeaker systems and enclosures. Contains many photos and illustrations of raw speakers and enclosures. Acoustic measurements and room placement are explored in depth. 438 pages. Very Good condition. Scarce. Softcover. $25.00

287. **CROWHURST, NORMAN H.; Electronic Musical Instrument Handbook .** 1st edition, 1962. Possibly one of the first books ever published on the subject, it explains purely electronic and amplified musical instruments in an easy to understand manner. The theremin is covered, as well as the first synthesizer made by Harry Olson at RCA- it was Monstrous! This copy is like brand new! 128 pages. 117 illus. Very Good condition. Scarce. Softcover. $55.00

288. **CROWHURST, NORMAN H.; Basic Audio Systems .** 1st edition, 1974. This book bridges the gap between a non-technical treatment, since an audio system is accepted as an entity designed by experts in their field, and the engineering treatise, usually never published. From amplifiers to distortion to feedback & microphones, Crowhurst covers everything! 240 pages. 229 illus. Very Good condition. Scarce. Softcover. $45.00

289. **GREENLEES, A.E.; The Amplification and Distribution Of Sound .** 3rd edition, 1954. The standard textbook on sound reinforcement, details are provided on transformer design, decibel calculations, and amplifier performance tests. Microphone and loudspeaker location, power requirements, distribution lines, fault location, matching & acoustics are explored in various chapters. Includes a nice dust jacket. 300 pages. 114 illus. Very Good condition. Scarce. $55.00

290. **HOEFLER, DONALD CARL; Basic Audio Course .** 1st edition, 1955. This classic book covers fundamental audio concepts, including microphones, equalizers, amplifiers, speakers, enclosures and sound recording. In almost new condition, this is one of the Gernsback Library volumes. 223 pages. 195 illus. Very Good condition. Scarce. $30.00

291. **LANDEE, ROBERT W.; DAVIS, DONOVAN C.; & ALBRECHT, ALBERT P.; Electronic Designers' Handbook .** 1st edition, 1957. In this single volume, you have the theoretical and mathematical concepts of electronic circuit design, plus detailed and comprehensive design information and techniques. Included are all the necessary graphical and tabular data needed to carry out the design function, with many examples throughout on the design of amplifier circuits 1016 pages. 982 illus. Fine condition. Scarce. $45.00

292. **LANGFORD-SMITH, F.; Radiotron Designer's Handbook .** 4th edition, 1953. This famous handbook was prepared expressly for the radio set designer but is also an invaluable reference for audio engineers, experimenters and service mechanics. Profusely illustrated, this mammoth edition contains much on audio circuits, feedback, and radio freqency amps, the work of 10 authors and 23 collaborating engineers. A super book!! 1482 pages. 999 illus. Good + condition. Scarce. $115.00

293. **MCLACHLAN, N.W.; Elements Of Loud Speaker Practice .** 1st edition, 1935. A complete study of the subject, devoid of mathematics and intricate technical details. This book contains a historical survey, as well as the various driving mechanisms, baffles, magnets, and design of horns. Acoustics and distortion are also covered in detail. From The Magnavox Co. Library. 160 pages. 92 illus. Very Good condition. Scarce. $45.00

294. **MCLACHLAN, N.W.; Loudspeakers** . 1st edition, 1934. A landmark volume on the theory, performance, testing, and design of loudspeakers. This book gives a complete treatment of the practice and application of various types of raw speakers as well as the enclosures . An extensive bibliography including 228 entries is included. A nice addition to your audio library. From The Magnavox Co. Library. 399 pages. 165 illus. Very Good condition. Rare. $115.00

295. **OLSON, HARRY F.; Acoustical Engineering** . 1st edition, 1957. Originally published in 1940 as Elements Of Acoustical Engineering, this volume adds a couple of chapters on complete sound reproducing systems. Olson expands upon his original illustrations augmenting a stylized version of the fundamentals in the acoustic field. From the Associated Missile Products Library. 718 pages. Very Good condition. Scarce. $95.00

296. **READ, OLIVER; The Recording And Reproduction Of Sound** . 2nd edition, 1952. The first complete book on all phases of sound. Beginning with a fine history and study of sound waves, recording methods are discussed. Equipment shown includes microphones, pickups, amplifiers, loudspeakers, and LP records, complimented by a nicely illustrated jacket. 790 pages. 435 illus. Very Good condition. Scarce. $45.00

297. **SCHURE, ALEXANDER; Low-Frequency Amplifiers** . 1st edition, 1959. Published by John F. Rider, this book covers the principles of audio frequency amplification, including fundamental amplifier considerations, voltage amplifiers, single ended and push-pull power amplifiers. The last chapter defines the principles of transistor amplifiers. The spine is reinforced with clear tape. 79 pages. 38 illus. Good + condition. Scarce. Softcover. $20.00

298. **SECOR, H. WINFIELD; Loud Talkers: How To Build Them** . 2nd edition, 1923. Published by the E.I.CO., this must be the first and last book ever written on the home construction of horn speakers. Precise details are given for building both the mechanical and electrical parts of the "loud talker". From the U.S. Patent Office Library, nicely hardbound with marbled endpapers. 48 pages. 18 illus. Very Good condition. Rare. Softcover. $40.00

299. **SIENKIEWICZ, JULIAN M.; Vacuum Tube Circuits For the Electronic Experimenter** . 1st edition, 1961. This book provides one of the most straightforward accounts I've ever seen on the vacuum tube, from the basic operation of various types to their application in 50 circuits, including many audio amplifier circuits. An excellent how-to book for the experimenter. Includes a nicely illustrated dust jacket. 192 pages. 100 illus. Very Good condition. Scarce. $25.00

300. **SUNIER, JOHN; The Story Of Stereo 1881-** . 1st edition, 1960. This book covers the early developments of stereo, as well as the historical background of film, tape, disc, and broadcasting up to 1959. Contains 407 bibliographical references on the subject. 160 pages. 81 illus. Fine condition. Uncommon. $35.00

SCIENCE FICTION

301. **GERNSBACH, HUGO; Ralph 124C41+ A Romance Of The Year 2660** . 2nd edition, 1950. This is the second edition of what may be classified as a historic science fiction book. In it, Hugo presents a very accurate picture of what the future will be like, predicting such far out things as radar, solar energy, space travel, and a host of others. In beautiful condition with a rarely seen illustrated dust jacket! 207 pages. 16 illus. Very Good condition. Rare. $195.00

302. **GERNSBACK, HUGO; Ralph 124C41+ A Romance Of The Year 2660** . 1st edition, 1925. This extremely hard to find edition is what may be classified as a historic science fiction book. Hugo presents a very accurate picture of what the future might be like, predicting such far out things as radar, solar energy, space travel, and a host of others. The cover contains some light soiling. 293 pages. 16 illus. Very Good condition. Very Rare. $245.00

TELEPHONE

303. **(GOVERNMENT PRINTING OFFICE); Investigation of Telephone Companies** . 1st edition, 1910. Senate Document No. 380, 61st Congress- a report showing the results of an investigation into the working conditions of the telephone company. An interesting account, rendering an inside view of the jobs in a major company in 1910. Exchanges, operators, equipment and wages are discussed in detail. Nicely bound in original Senate Tan buckram. 340 pages. 5 photos. Very Good condition. Rare. $95.00

304. **ALLSOP, F. C.; Telephones: Their Construction And Fitting** . 7th edition, 1903. This well illustrated volume shows many early telephones and their related equipment. Contains 15 folding plates which portray many early systems. Covers the early Hughes and Blake transmitters, as well as many others. A beautiful copy of a seldom seen volume. 184 pages. 156 illus. Very Good condition. Scarce. $65.00

305. **BELL TELEPHONE LABORATORIES; A History of Engineering and Science in the Bell System** . 1st edition, 1978. This is the second volume of a series documenting the significant contributions of the Bell System to telecommunications technology and is subtitled The National Service in War and Peace (1925-1975). It includes the full story on radar and air defense, as well as a ten page bibliography. 757 pages. Fine condition. Uncommon. $40.00

306. **DENNISON, R.T.A.; Private Automatic Branch Exchanges** . 1st edition, 1929. An extensive overview of the branch exchange system of automatic telephony geared towards those already familiar with its general principles. The main systems covered include Strowger, Siemens Bros, Standard and Relay, all of which show fine illustrations using numerous folding plates. 291 pages. 99 illus. Very Good condition. Scarce. $25.00

307. **GOVERNMENT PRINTING OFFICE; Investigation Of Charges Relating to The Pan-Electric Telephone Company** . 1st edition, 1886. This mammouth volume contains the testimoney taken by the committee appointed by the House Of Representatives to investigate charges against certain public officers relating to the Pan-Electric Telephone Company; and to suits by the United States to annul the Bell Telephone patents. Super history & reference! Nicely rebound in 3/4 blue cloth. 1314 pages. Very Good condition. Very Rare. $95.00

308. **GREGOR, ARTHUR; Bell Laboratories** . 1st edition, 1972. This book describes the history & inventions that eminated from the largest and most important laboratory in the world. The development of the transistor and picturephone are discussed, and the reader is given an intimate look inside the lab itself. Profusely illustrated, including a detailed chronology. 125 pages. Very Good condition. Scarce. $35.00

309. **HILL, J.G.; Telephonic Transmission** . 1st edition, 1920. This volume covers both the theoretical and practical applications of the laws of telephonic transmission, including the solution of cost problems and standard cable practice. The use of the vacuum tube as an amplifier and relay are explored in the last chapter. 398 pages. 196 illus. Very Good condition. Rare. $25.00

310. **JOHNSON, K.S.; Transmission Circuits For Telephonic Communication** . 1st edition, 1943. This book originated from a series of notes for Western Electric, subsequently lectured at Harvard. The theory and development of telephone circuits for transmission are discussed in detail. 334 pages. 94 illus. Very Good condition. Scarce. $15.00

311. **MACKENZIE, CATHERINE; Alexander Graham Bell: The Man Who Contracted Space** . 1st edition, 1928. An unbiased, authentic portrait of one of the most remarkable men in his day. This in-depth look at the inventor of the telephone shows the many other areas of sound he became involed with during his lifetime. Includes a nicely illustrated dust jacket. 382 pages. 31 photos. Very Good condition. Scarce. $45.00

312. **PAINE, ALBERT BIGELOW; In One Man's Life: The Story Of Theodore N. Vail** . 1st edition, 1921. An excellent biography on the former General Manager of the American Bell Telephone Co. His many experiments with early telephony and leadership ability are thoroughly discussed, as well as his work with the wireless telephone. The cover is nicely embossed with a 3-dimensional bust of Theodore Vail. 359 pages. 11 photos. Very Good condition. Scarce. $40.00

313. **RHODES, FREDERICK LELAND; Beginnings of Telephony** . 1st edition, 1929. This volume is probably the best history and reference book on early telephony written before 1930. The early Bell patents are thoroughly described, and many photos of early telephone equipment are included. Contains an excellent bibliography and appendices. 261 pages. 30 photos. 24 illus. Very Good condition. Scarce. $55.00

314. **SMITH, ARTHUR B. & CAMPBELL, WILSON LEE; Automatic Telephony .** 2nd edition, 1921. A comprehensive treatise on automatic and semi-automatic telephone systems. The full details of the Stowger system, complete with typical circuits and illustrations of its apparatus are included, as well as brief outlines of other important systems. A number of pages are dampstained along the edge, not affecting the text. 430 pages. 315 illus. Good condition. Scarce. $35.00

315. **WRIGHT, CHARLES ALLEN AND PUCHSTEIN, ALBERT F.; Telephone Communication .** 1st edition, 1925. Beginning with a brief history of the telephone industry, this text provides a sound foundation of the principles, developments and maintenance of telephone systems. A well illustrated book, it includes an extensive chapter on radio telephony. 515 pages. 294 illus. Very Good condition. Uncommon. $20.00

TELEGRAPHY

316. **BATES, DAVID HOMER; Lincoln In The Telegraph Office .** 1st edition, 1907. Recollections of the United States military during the Civil War. The author, who was the manager of the War Dept. telegraph office, and cipher operator during the Civil War, tells just what happened during these most important times. A must for the telegraph historian's library, in beautiful condition. 432 pages. 23 illus. Very Good condition. Rare. $90.00

317. **BRIGHT, EDWARD B. AND BRIGHT, CHARLES; The Life Story of Sir Charles Tilston Bright .** 2nd edition, 1908. This extensive biography of Charles Bright is essentially a history of submarine telegraphy. Contains many engravings of ships, apparatus and and maps. This intense story covers the exploits, inventions, and scientific achievements of a boy, who at age 21, supervised the laying of the first cable to Ireland. A near perfect copy of this rare title. 479 pages. 70 illus. Very Good condition. Rare. $115.00

318. **CHIPMAN, ROBERT A.; The Earliest Electromagnetic Instruments .** 1st edition, 1964. Published as Smithsonian paper # 38, this 8 1/2" x 11" booklet traces the history of the early stages of electromagnetic instrumentation through the men who devised the theories and constructed the instruments. All the investigations up to 1820 are included, along with photos & illustrations of the apparatus. 14 pages. 8 illus. Very Good condition. Scarce. Softcover. $20.00

319. **DODGE, G.M.; The Telegraph Instructor .** 7th edition, 1921. Designed for use by the student of railroad and wireless telegraphy. A well written textbook explaining the theory and application of telegraphy. This is the latest and most complete edition of this book that I've seen. 297 pages. 36 illus. Good + condition. Uncommon. $45.00

320. **DORF, PHILIP; The Builder: A Biography of Ezra Cornell** . 1st edition, 1952. This is the story of the man who helped Morse with improving his telegraph instruments as well as laying the first line from Baltimore to Washington. It is really a overview of the early history of the various telegraph companies, and the role he played in them. This is the first copy we've had for sale. 459 pages. 7 photos. Fine condition. Scarce. Dust Jacket. $45.00

321. **EDISON, THEODORE A.; Telegraphy Self Taught** . 1st edition, 1902. A complete manual of instruction, containing chapters and lessons on all branches of telegraphy. Includes easy experiments in electricity and magnetism which operators should know,as well as illustrations of early telegraph apparatus. It has a nicely embossed front cover showing a telegraph operator at work, though the covers are worn. 170 pages. 18 illus. Good + condition. Uncommon. $45.00

322. **GREY, ZANE; Western Union** . 1st edition, 1939. This is the epic tale of the men who constructed the telegraph line through a thousand miles of wilderness. Buffalo stampedes, Indians, prairie fires and even floods were elements of the life of constant peril and excitement presented in this thrilling story. Includes a nicely illustrated dust jacket. 297 pages. Very Good condition. Scarce. $30.00

323. **HARLOW, ALVIN F.; Old Wires and New Waves** . 1st edition, 1936. A fine comprehensive history of the telegraph, telephone and wireless. A landmark edition referred to by many, it contains an excellent 12- page bibliography. Profusely illustrated, this book belongs on every telegraph and wireless historian's bookshelf. An extra fine copy of a hard to find title, including a nicely illustrated dust jacket. 548 pages. 71 photos. Very Good condition. Rare. $155.00

324. **HARLOW, ALVIN F.; Brasspounders: Young Telegraphers Of The Civil War** . 1st edition, 1962. A fascinating true account of young Civil War telegraphers. Written by an authority in the field, this book provides a unique view of this special group. Includes a nicely illustrated dust jacket. The author is noted for his important book, "Old Wires and New Waves". 159 pages. 6 photos. Very Good condition. Rare. $75.00

325. **HERBERT, T. E.; Telegraphy** . 5th edition, 1941. A detailed exposition of the telegraph practice of the British Post Office. Prepared over a four year period, it encompasses both theory and application of the telegraph instruments used by the operator. Including hundreds of photos and illustrations of telegraph apparatus, One of the most in-depth studies ever done on the telegraph. 1199 pages. 735 illus. Good + condition. Scarce. $55.00

326. **HOUZEAU, LOUIS; Guide Pratique De L'Appareil Morse** . 6th edition, 1882. This is a French book on telegraph apparatus. There are many woodcut illustrations of early European telegraph gear, including keys, relays, sounders, switchboards, galvanometers and morse inkers. A nice volume that portrays unusual telegraph pieces. 240 pages. 74 illus. Good + condition. Rare. $95.00

327. **LARDNER, DIONYSIUS; The Electric Telegraph** . 1st edition, 1855. This is an incredible volume showing all the different telegraph systems of the various countries of the world. The apparatus varied so much from country to country, the author decided to include as many as he could find. They include the Morse, Bain, Steinheil, Wheatstone, Brett, House, Froment, Siemen's and Henley's. Super Nice Engravings!!! 352 pages. 100 illus. Good + condition. Extremely Rare. $295.00

328. **MCDONALD, PHILIP B.; A Saga of the Seas** . 1st edition, 1937. This fine book tells the story of the laying of the first Atlantic Cable and the New York merchant, Cyrus W. Field, who made it possible by his enlistment of British engineers and ships. This chronicle relates how the difficult feat was accomplished after many years of failure. Includes a nice illustrated dust jacket. 288 pages. 11 photos. Very Good condition. Scarce. $40.00

329. **MORSE, EDWARD LIND MORSE; Samuel F. B. Morse: Letters and Journals** . 1st edition, 1914. Contained in 2 volumes, this is the most in-depth study of Morse's life and his work on the telegraph done up to this time. Written by his son, Edward, this well written and useful biography is based on personal notes, journals, and scientific records bearing on the invention of the telegraph. A very nice set of this scarce biography. 988 pages. 26 photos. Very Good condition. Rare. $125.00

330. **NEERING, ROSEMARY; Continental Dash; The Russian-American Telegraph** . 1st edition, 1989. This is the incredible story of the first telegraph line that was laid from Seattle, Washington to Siberia. Western Union was competing in a colossal race; to complete the overland line before the Atlantic Cable could be laid. Includes a nicely illustrated dust jacket. 230 pages. 34 illus. Fine condition. Uncommon. $40.00

331. **OFFICE OF THE CHIEF SIGNAL OFFICER; Technical Equipment Of The Signal Corps Manual #3** . 1st edition, 1916. This manual relates principally to the latest Signal Corps Equipment used prior to World War I. This attractive copy covers early telephone and telegraph apparatus as well as both submarine and the induction systems of telegraphy. Hundreds of photos and illustrations make this rarely seen book a must for the telegraph & telephone collector. 554 pages. Very Good condition. Rare. $95.00

332. **PERERA, THOMAS; Perera's Telegraph Collector's Guide** . 1st edition, 1998. This guide is designed to serve as an inexpensive, portable, and comprehensive source of basic information and reference for new and experienced collectors. It covers early and later land-line equipment as well as bugs (automatic keys), wireless and spark keys, and even foreign apparatus. A price guide is included as well as references. 80 pages. 250 photos. New condition. Common. Softcover. $10.00

333. **REID, JAMES D.; The Telegraph In America** . 1st edition, 1879. This immense volume is the most sought after reference work on early telegraph history. It includes biographies of notable inventors, as well as promoters & noted men who built up the companies. The telegraph's important relationship with the railroad is documented. The front & rear covers are stained, only a few pages are affected. 846 pages. 73 illus. Fair condition. Very Rare. $395.00

334. **THE EDITORS OF THE ARMY TIMES; A History of The United States Signal Corps** . 1st edition, 1961. This is the complete history of the Signal Corps, tracing its beginnings to the Civil War. Profusely illustrated with many photos and illustrations depicting the Signal Corps in action throughout it's first 100 years. Contains a nicely illustrated dust jacket. 192 pages. 104 photos. Very Good condition. Scarce. $40.00

335. **WHEATSTONE, CHARLES; Reply To Cookes Pamphlet, The Electric Telegraph; Was It Invented By Wheatstone?** . 1st edition, 1855. This paper demonstrates the ongoing conflict between Cooke and Wheatstone, and establishes Wheatstone's priority. An important early treatise on the subject, which provides a great historical overview of the electro-magnetic telegraph. 74 pages. Good + condition. Very Rare. Softcover. $185.00

TRANSISTOR

336. **RCA LABORATORIES; Transistors I** . 1st edition, 1956. This volume is made up of 31 complete papers not previously published, 10 papers which have appeared in periodicals, and 46 abstracts. It reflects RCA's extensive research and development work on the transistor, as well as its many applications in the electronics field. 676 pages. Very Good condition. Scarce. $45.00

337. **SHOCKLEY, WILLIAM; Electrons And Holes In Semiconductors** . 1st edition, 1950. A landmark work on solid state electronics, this is the first full length book published on the subject. Shockley's disclosure revolutionized the electronics industry, earning him the title of Father of the transister. A nice copy of this exceedingly rare volume, as this is the first printing of the first edition! 558 pages. Very Good condition. Rare. $120.00

TESLA & HIGH VOLTAGE

338. **(PUBLISHER) NOLIT; Nikola Tesla: Colorado Springs Notes 1899-1900** . 1st edition, 1978. This is the third book published by the Tesla Museum in 1977, the contents of his research diary from Colorado Springs. It gives an excellent insight into his experiments and activities during one of productive periods of his life. Many photos and drawings of his apparatus & work complement the text, nicely bound in a large volume. 437 pages. Fine condition. Scarce. $85.00

339. **(TRADE CATALOG); The Electric Era** . 1st edition, 1889. This one made it to the front cover! Primarily a quack medical catalog featuring a variety of electric belts, even a voltaic inhaler, & an electric lung appliance are depicted. The back cover is superbly illustrated with a telephone, telegraph, arc light and street cars. There is a slight fold down the middle of the catalog. 26 pages. 12 illus. Very Good condition. Rare. Softcover. $85.00

340. **BONNEY, G.E.; Induction Coils: A Practical Manual For Amateur Coil Makers** . 3rd edition, 1904. One of the earliest treatises on the subject of spark coil construction, it covers the theoretical design of manufacture, as well as use and repair of induction coils. Includes many engravings of early induction coils, meters, and other electrical apparatus. 239 pages. 135 illus. Good + condition. Very Rare. $125.00

341. **CRAGGS, J.D. AND MEEK, J.M.; High Voltage Laboratory Technique** . 1st edition, 1954. With a combined total of over 20 years experience in the high-voltage Research Department at Metropolitan-Vickers, the authors have put it all together for the serious high voltage experimenter. Some of the chapters include Generation Of High Voltage AC, Rotating and sphere spark gaps, Measurement of high voltage etc.. The spine is worn. 404 pages. 368 illus. Good + condition. Rare. $95.00

342. **CROOK, H. EVELYN; High Frequency Currents** . 1st edition, 1906. This book covers the production, physical properties, physiological effects and therapeutical uses of high frequency currents. The first part of the book deals with the history and apparatus involved, including induction coils, wimshurst machines, Oudin coils, geissler tubes, etc.. This is the first copy we've had for sale! 206 pages. 44 illus. Very Good condition. Rare. $135.00

343. **EBERHART, NOBLE M.; A Working Manual Of High Frequency Currents** . 4th edition, 1923. This manual covers the theory and application of using high frequency waves in healing the infirm. Many types of apparatus are illustrated, including the Tesla coil, Oudin coil, and X-ray. An interesting book. 320 pages. 69 illus. Very Good condition. Scarce. $55.00

344. **GORDON, J.E.; A Physical Treatise On Electricity And Magnetism Vol. I and II** . 3rd edition, 1891. A very early work on electricity which touches on Clerk Maxwell's electromagnetic theory of light, Faraday's experiments, etc.. Also covered are electromagnets, induction coils, Crookes tubes, and early motors, of which many are illustrated. Includes details on original experiments and papers dealing with galvanometers & Geissler tubes. 675 pages. 73 photos. 312 illus. Very Good condition. Rare. $245.00

345. **HARE, A.T.; The Construction of Large Induction Coils** . 1st edition, 1900. This is a quality 1992 Lindsay reprint of an exceedingly rare book on the construction of large induction coils. All areas of coil building are covered, including the core, primary coil, condenser, secondary, and all the different forms of breaks. A very informative book, I've never had an original for sale in my catalog! 155 pages. 35 illus. Fine condition. Common. Softcover. $15.00

346. **MCEACHRON, DR. K.B.; Playing With Lightning** . 1st edition, 1940. A biography of lightning written by the director of General Electric's High Voltage Engineering Laboratory. Contains everything you would ever want to know about lightning from the time that Steinmetz played with it in his laboratory to the present day. Includes a nicely illustrated dust jacket. 231 pages. 16 photos. Very Good condition. Scarce. $55.00

347. **MILLER, SAMUEL C.; Neon Signs** . 2nd edition, 1952. A complete picture of the manufacture of neon signs, their installation and maintenance. beginning with the fundamental process and operation, and developing into more advanced and intricate designs. Interspersed with many photos and illustrations of the pumping, bending and electrical equip. A classic work on the subject. 395 pages. 168 illus. Very Good condition. Rare. Dust Jacket. $45.00

348. **NORRIE, H.S.; Experimenting With Induction Coils** . 2nd edition, 1915. This book contains practical directions for operating induction coils and Tesla coils, and also shows how to make the apparatus needed for the numerous experiments described. Fully illustrated with many drawings of Geissler tubes, Leyden jars and Tesla coils. The spine is reinforced with clear tape. 73 pages. 26 illus. Good + condition. Rare. Softcover. $95.00

349. **O'NEIL, JOHN J.; Prodigal Genius; The Life Of Nikola Tesla** . 1st edition, 1944. The first biography of this great scientist and inventor. A hard to find copy of the first edition which covers most of the important experiments with motors, wireless telegraphy, and high voltage that he performed throughout his long career. 326 pages. Very Good condition. Scarce. $45.00

350. **TESLA, NIKOLA; Experiments with Alternate Currents of High Potential and High Frequency** . 2nd edition, 1904. A fine 2nd edition of Tesla's epical treatise on high potential and high frequency. To my knowledge, this is the only book that Tesla ever wrote. This edition covers Tesla's experiments on the transmission of electric energy without wires, with photos of his laboratories. 162 pages. 6 photos. 35 illus. Fine condition. Very Rare. $135.00

351. **TOMLINSON, CHARLES; The Thunderstorm: The Properties of Lightning & Atmosheric Electricity** . 1st edition, 1859. This early book looks into electricity and its identity with lightning. It describes the historical background, including early electrical friction machines and artificial lightning, as well as the effects of various strikes around Europe. An excellent early treatment of the subject. Ref. Wheeler Gift Catalog # 1469; Ronalds Page 501. 348 pages. 39 illus. Good + condition. Rare. $85.00

352. **TREVERT, EDWARD; How To Make And Use Induction Coils** . 2nd edition, 1905. An early treatise giving full instructions on how to construct and perform experiments using the coil for electrical or medical purposes. Trevert does mention using geissler tubes for effect but cautions the reader to buy them ready made! This copy is in beautiful condition. 81 pages. 36 illus. Fine condition. Rare. $85.00

353. **(PERIODICAL); The Post Office Electrical Engineer's Journal Vols 1 & 2** . 1st edition, 1908. This is the organ of "The Institution of Post Office Electrical Engineers". Included is Volume 1, April 1908 to Jan., 1909 and Volume 2, April, 1909 to March, 1910. These are bound in the original publisher's bindings, and contain hundreds of articles on telegraphy, telephony and wireless telegraphy. Lots of illus of telegrph apparatus 680 pages. Very Good condition. Very Rare. $245.00

354. **(TRADE CATALOG); Locke Porcelain Insulators** . 1st edition, 1925. A rarely seen catalog containing hundreds of different types of porcelain insulators. Designated as catalog No. 25, there are 2 blueprints of insulators included as well as a letter from a customer detailing an item he's interested in. Contains nicely illustrated endpapers depicting high tension towers in the mountains. 253 pages. Very Good condition. Rare. $115.00

355. **FLEMING, J.A.; The Propagation Of Electric Currents In Telephone and Telegraph Conductors** . 4th edition, 1927. A series of lectures given by Fleming for telephone and telegraph engineers. The theory of electrical flow in telegraph and telephone cables is extensively treated, interspersed with many references. 422 pages. 25 illus. Very Good condition. Rare. $35.00

356. **HIS MAJESTY'S STATIONARY OFFICE; Army Telegraphy And Telephony Vol. II Lines** . 1st edition, 1909. This book, printed at the beginning of WWI, describes and shows the various telegraph and telephone cables, wiring, poles, fittings, insulators and the testing of all circuits. Profusely illustrated with hundreds of line drawings of early gear. The covers are somewhat stained, but the inside is perfect. 198 pages. Good condition. Scarce. $55.00

357. **INTERNATIONAL TELECOMMUNICATION UNION; From Semaphore To Satellite** . 1st edition, 1965. This large volume follows the rise in telecommunications from the telegraph through wireless telegraphy on up to the modern day satellite. Profusely illustrated with 100's of photos of early telephones, telegraph instruments, radios and radar equipment. From George Shiers' Library with his neat bookplate. 343 pages. Very Good condition. Uncommon. Dust Jacket. $35.00

358. **LAVINE, A. LINCOLN; Circuits Of Victory** . 1st edition, 1921. This is the entire story of the use of the telephone, telegraph, and wireless telegraphy by the American Expeditionary Forces (A.E.F.) during World War I. An excellent book on the subject, it includes both a concise history and the role Western Electric played in the conflict. The rear cover & part of the spine is slightly stained. 634 pages. 96 photos. Good + condition. Rare. $95.00

359. **WILLIAMS, ARCHIBALD; Telegraphy and Telephony** . 1st edition, 1928. A wonderful history of telegraphy, telephony, and wireless. Scattered throughout the book are photos of vintage apparatus, installations and the pioneers involved. An interesting chapter on television is included in this rarely seen book. There is a school prize bookplate on the front free endpaper. 340 pages. 30 photos. 88 illus. Very Good condition. Rare. $85.00

TELEVISION

360. **(MCGRAW-HILL TELEVISION RECEIVERS) DEUTSCH, SID; Theory and Design of Television Receivers** . 1st edition, 1951. This book presents a physical explanation for the behavior of various television receiver circuits and discusses the practical design. Television receiver servicing techniques are also explored in detail. The are notes in pencil written in the margins. 536 pages. 368 illus. Good + condition. Scarce. $25.00

361. **ABRAMSON, ALBERT; The History Of Television 1880 to 1941** . 1st edition, 1987. This is the most recent accurate account of the development of television. All the important advancements are included, as well as a section of footnotes at the end of the book. Contains many illustrations along with an excellent bibliography. Ex-Library 354 pages. Very Good condition. Uncommon. $55.00

362. **BAILEY, ARNOLD B.; TV and Other Receiving Antennas** . 1st edition, 1950. Both the radio amateur and the engineer should find this title useful in designing their own antenna system. Rather than overly stress mathematical theory, the author's experience in the field provides a helpful guide to a practical understanding of the subject. 595 pages. Good + condition. Scarce. $25.00

363. **BARNARD, GEORGE P.; The Selenium Cell; Its Properties and Applications** . 1st edition, 1930. A landmark volume on the early history, construction, properties, and theories discussing the action of light on selenium. Included are chapters on light-telephony and television. Contains an excellent bibliography at the end of each chapter with over 800 entries. The back cover is stained at the top. 331 pages. 258 illus. Good + condition. Rare. $45.00

364. **CAMM, F. J.; Newnes Television and Shortwave Handbook** . 1st edition, 1934. A fine copy of an excellent book which portrays television by both mechanical and electronic, or cathrode-ray TV. Includes a description on how to build your own scanning-disc TV. Contains many photos and illustrations of early apparatus. 256 pages. 61 photos. 169 illus. Very Good condition. Scarce. $45.00

365. **CHAPPLE, H. J. BARTON; Television For The Amateur Constructor** . 1st edition, 1933. This is the earliest book specifically devoted to the building of television receiving sets at home. Mainly covering the scanning disc TV, there is also mention of electronic television. Contains a nice 34 page advertising section at the rear of the book depicting television parts for sale. A rarely seen first edition. Ex- Library 233 pages. 44 photos. 102 illus. Very Good condition. Rare. $115.00

366. **COLLINS, A. FREDERICK; Experimental Television** . 1st edition, 1932. A rarely seen volume written by a pioneer experimenter in wireless telephony . A complete study is given of the different systems of television receivers employed at the time. Included is a chapter on the cathode ray television receiver. The cover portrays an scanning disk transmitter and receiver. 313 pages. 185 illus. Very Good condition. Rare. $195.00

367. **DE FOREST, LEE; Television - Today and Tomorrow** . 1st edition, 1942. Written for the lay reader, this rarely seen volume contains much information on the history and status of television in 1945. Of special interest is the chapter on television's future and its influence upon society. Includes a nicely illustrated dust jacket. 361 pages. 76 illus. Very Good condition. Rare. $65.00

368. **DINSDALE, ALFRED; Television** . 2nd edition, 1928. This is a much enlarged edition of his historic book "Seeing By Wire Or Wireless". Containing many photos of scanning disc apparatus and images, this early book describes the American and British systems, both transmitters and receivers & even Baird's system of stereoscopic television. A beautiful copy of an important book. 180 pages. 33 photos. 38 illus. Very Good condition. Rare. $195.00

369. **EDDY, WILLIAM C.; Television - The Eyes Of Tomorrow** . 1st edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained in detail & shown in the many photos present. The television control room, studio, and stage are also described and there is even a chapter on color television! Includes a nicely illustrated dust jacket. 330 pages. Very Good condition. Scarce. $55.00

370. **FINK, DONALD G. (EDITOR); Television Standards And Practices** . 1st edition, 1943. This volume was compiled from the Proceedings Of The National System Television Committee (NTSC), on which are based the standards adopted in 1941 by the FCC for the commercial television broadcasting in the United States. It is a complete and authoritative examination into the television service. 405 pages. 115 illus. Very Good condition. Scarce. $65.00

371. **HUTCHINSON, THOMAS; Here Is Television** . 2nd edition, 1950. A comprehensive account of television in 1950 with predictions for its future. Written in non-technical language, an overall view of the industry, from the studio to home reception. 366 pages. 94 illus. Very Good condition. Scarce. $15.00

372. **JENKINS, C. FRANCIS; The Boyhood of an Inventor** . 1st edition, 1931. A decidedly very interesting account of the author's life. This is definitely the most difficult biography to obtain. This autobiography aptly describes the beginnings of an inquisitive mind who went on to build the prototype of the motion picture projector and produce the first photographs by radio-also known as television Signed By Jenkins! 273 pages. 268 photos. Very Good condition. Very Rare. $275.00

373. **LARNER, E. T.; Practical Television** . 2nd edition, 1931. A very rare and early book on television containing a forward by John Logie Baird. Includes 27 pages on the history of TV up to 1928, and an entire chapter on Cathode-Ray television. The Baird televisor is also well described in a separate chapter. Ex-Library. 223 pages. 21 photos. 106 illus. Good + condition. Rare. $110.00

374. **LOHR, LENOX R.; Television Broadcasting: Production, Economics, Technique** . 1st edition, 1940. Written by the president of NBC, this early text on television covers many of the technicalities of broadcasting, with much background information on RCA and NBC. Includes many photos of early production scenes, special effects and apparatus. A very early book on the subject. 274 pages. 86 illus. Very Good condition. Scarce. $40.00

375. **LOW, A.M.; Wireless Possibilities** . 1st edition, 1924. A curious little volume that contains some thoughts on what lies ahead in the field of radio. Included is a fascinating 21 page chapter on "Radio Television", and a 12 page chapter on "Wireless And War". 77 pages. Very Good condition. Scarce. $35.00

376. **MALOFF, I.G. AND EPSTEIN, D.W.; Electron Optics In Television** . 1st edition, 1938. Written by engineers from the RCA research labs, a first hand account of their experiences. This book was principally concerned with uniting the theory of electron optics with its application, the cathode ray tube. Contains hundreds of photos and illustrations. 299 pages. Good + condition. Scarce. $35.00

377. **PHILLIPS, VIVIAN J.; Waveforms: A History Of Early Oscillography** . 1st edition, 1987. The early history and development of oscillography beginning with Wheatstone's first experiments. The Blondel/Duddell mechanical oscillograph is one of many carefully described and illustrated, leading up through other experiments to finish with the modern day cathode ray tube. 259 pages. 211 illus. Fine condition. Common. Dust Jacket. $30.00

378. **RCA INSTITUTES TECHNICAL PRESS; RCA Review 1936 - 1946** . 1st edition, 1936. This is the first 10 volumes of the famous "RCA Review", a publication which contains papers published by RCA engineers, rich in new discoveries and procedures. Published quarterly, this publication followed the progress of television, FM, UHF, microphones, and vacuum tubes. From the IEEE library in matching tan bindings, covers are worn 3000 pages. 999 illus. Good condition. Rare. $145.00

379. **RIDER, JOHN; Encyclopedia On Cathode Ray Oscilloscopes And Their Uses** . 1st edition, 1955. A profusely illustrated, very large volume which presents a cross section of cathode ray oscilloscope theory and application. It covers the most significant uses of the oscilloscope, including repair, experimentation, and monitoring. In like new condition! 982 pages. Fine condition. Uncommon. $35.00

380. **SETTEL, IRVING AND LAAS, WILLIAM; A Pictorial History of Television** . 1st edition, 1969. A richly illustrated volume which traces the complete story of television from the 19th Century to the late 1960's. This book documents television's influence on the American public. Includes a nice illustrated dust jacket. From The Broadcast Pioneers' Library. 210 pages. 300 photos. Fine condition. Uncommon. $20.00

381. **SHELDON, H. HORTON AND GRISWOOD, E. N.; Television: Present Methods Of Picture Transmission** . 1st edition, 1930. This early book gives a liberal insight into the problems and developments of television, together with details and instructions for building a receiver for the home. Devoted only to Scanning disc, many nice photos of early gear are shown. A nice copy of an exceedingly hard book to find, from The Marconi Wireless Telegraph Co. Library! 194 pages. 129 illus. Very Good condition. Rare. $115.00

382. **TERRACE, VINCENT; The Complete Encyclopedia Of Television Programs 1947 - 1976** . 1st edition, 1976. The "Tune In Yesterday" of Television, this encyclopedia covers a quarter century of broadcasting. Contained in 2 large volumes, the nostalgic excursion through TV's evolution complete with pictures of many programs. The best reference I've seen on TV programs. Includes nice illustrated dust jackets. 914 pages. 170 photos. Fine condition. Scarce. $45.00

383. **TILTMAN, RONALD F.; Television For The Home** . 1st edition, 1927. One of the earliest books on the subject of "Seeing by Wireless". This book deals with the primitive scanning disc television. Both the early history and the future of television are well documented. Contains some nice early photos of John Baird with his apparatus. A beautiful copy, including a nicely illustrated dust jacket. 106 pages. 8 photos. Very Good condition. Rare. $235.00

384. **TYLER, KINGDON S.; Telecasting And Color** . 1st edition, 1946. A rarely seen book on the first commercial undertaking of color television. The author was a construction engineer for CBS. This book describes the basic principles of color tv, complemented by many photos of early televisions, cameras, and equipment. 213 pages. 31 photos. 20 illus. Very Good condition. Scarce. $40.00

385. **UDELSON, JOSEPH H.; The Great Television Race** . 1st edition, 1982. A history Of the American television industry from 1925 - 1941. A comprehensive survey of television research, experiments, and telecasting conducted prior to the medium's commercial authorization in 1941. An excellent book, containing an extensive bibliography and bibliographical essay. 197 pages. 16 photos. 15 illus. Fine condition. Scarce. Softcover. $25.00

386. **VON ARDENNE, MANFRED; Television Reception** . 1st edition, 1936. This is one of the first books dedicated to the cathode ray television receiver. It covers the construction, operation and theory of a CRT receiver for the reception of Ultra-shortwave television broadcasting. Contains many photos of television apparatus, and actual operating screens. From the Rauland Corporation Library. 121 pages. 50 photos. 46 illus. Good + condition. Very Rare. $140.00

387. **WEST, CAPT. A.G.D.; Television Today** . 1st edition, 1935. Comprised in 2 volumes, this set contains more info on early television than I have ever seen before. It includes a 10 page chapter on servicing the Baird Disc model "Televisor", and all the research on cathode ray receivers found up to that time. Loaded with hundreds of rarely seen photos and illustrations. The nicest set I've seen! 776 pages. Fine condition. Very Rare. $225.00

388. **YATES, RAYMOND FRANCIS; ABC Of Television Or Seeing By Radio** . 1st edition, 1929. A complete and comprehensive treatise outlining the theory, construction, and operation of television receivers. This book includes a brief history and a full description of scanning disc tv as well as the earliest full portrayal of cathode ray television. An excellent copy of a important title. 210 pages. 21 photos. 78 illus. Very Good condition. Rare. $145.00

VACUUM TUBES

389. **(PERIODICAL); The Western Electric Engineer** . 1st edition, 1957. This is an incredible collection of the seldom seen periodical put out by Western Electric for it's engineers. This is the first time we've had more than a stray copy of this important journal. There are a total of 28 issues, including Volume 1 from 1957 (4 issues), the rest date from 1961 through 1968. They're all in very nice condition! WoW! 1400 pages. 999 photos. 999 illus. Very Good condition. Very Rare. Softcover. $495.00

390. **AMPEREX ELECTRONIC CORP.; Amperex Electron Tube Manual** . 1st edition, 1960. This tube manual covers air cooled power tubes such as the 4-250A, 4X250B, 7377, 5866, 807, 6360 and hunderds of other power tubes. The data includes general characteristics, maximum ratings, circuit modifications, graphs, curves and dimensions. This is the first manual of this type that we've come across. 400 pages. Very Good condition. Rare. $95.00

391. **ARGUIMBAU, LAWRENCE B.; Vacuum Tube Circuits** . 1st edition, 1948. This book is intended for those who have studied the physics of vacuum tubes and would like to use that knowledge in designing and building various circuits. Audio power amplifiers are discussed in detail, as well as feedback and RF circuit arrangements. 668 pages. 548 illus. Very Good condition. Scarce. Dust Jacket. $40.00

392. **BRANS' P.H.; World Vacuum Tube Technical Manual (Vade Mecum?)** . 9th edition, 1980. This large volume is contained in a nice slipcase and appears to be a reprint of the popular Brans' Vade Mecum. It is encased in a quality cloth binding with a gold embossed title and is printed on high-quality paper. This manual covers almost all of the tubes ever produced? 441 pages. Fine condition. Scarce. $85.00

393. **CHAFFEE, E.L. AND OTHERS; Electronic Circuits and Tubes** . 1st edition, 1947. A large volume written by the electronics training staff of the Cruft Laboratory at Harvard University. This book presents the basic theory and applications of electronic tubes and and their related electric circuits. A must-have for designers of vacuum tube amplifiers. 994 pages. 824 illus. Very Good condition. Scarce. $30.00

394. **EISLER, CHARLES; The Million Dollar Bend** . 1st edition, 1960. This is the autobiography of the benefactor of the radio tube and lamp industry. A story of rags to riches, it sums up the life of the man responsible for the design of the machine which creates the "tipless stem" exhaust method for radio tubes & light bulbs. Includes many photos of radio tube manufacturing machines. Signed by Charles Eisler! 315 pages. 128 photos. 100 illus. Very Good condition. Very Rare. Dust Jacket. $95.00

395. **KOLLER, L.R.; The Physics of Electron Tubes** . 1st edition, 1934. A presentation of the fundamental physical phenomena involved with the operation of electron tubes. The author was a member of the Research Labs at General Electric Co. An excellent book for the tube freak. 205 pages. 67 illus. Good + condition. Scarce. $35.00

396. **PREISMAN, ALBERT; Graphical Constructions For Vacuum Tube Circuits** . 1st edition, 1943. A fundamental book designed to fill a gap, using curves to produce solutions for vacuum tubes using non-linear circuits. Many graphs, circuit diagrams & formulas are displayed within the confines of this volume. Includes a 67 page chapter on various types of amplifier circuits. An excellent book for the audio amplifier designer. 237 pages. 124 illus. Very Good condition. Scarce. $65.00

397. **REICH, HERBERT J.; Theory And Applications Of Electron Tubes** . 1st edition, 1939. Primarily a text for college students, this book should also prove valuable to engineers as a reference work. Its foundation is in the fundamental principles and analysis of electron tubes & their applications. Contains much on voltage, current and audio power amplifiers. Includes hundreds of illustrations and diagrams. 670 pages. Very Good condition. Uncommon. $25.00

398. **SEELY, SAMUEL; Radio Electronics** . 1st edition, 1956. Written by the famous author of other vaccuum tube volumes, this book covers all aspects of the vacuum tube in amplifier, oscillator, AM and FM circuits. Both receiving and transmitting circuits are discussed, as well as general network analysis. 487 pages. Very Good condition. Scarce. $20.00

399. **TERMAN, FREDERICK E.; Electronic and Radio Engineering** . 4th edition, 1955. This book presents a comprehensive treatment of important vacuum tube and radio phenomena. Chapters include information on circuit theory, voltage and power amplifiers, feedback, and distortion. A "must have" for the vacuum tube circuit designer. 1078 pages. Very Good condition. Uncommon. Dust Jacket. $30.00

400. **TYNE, GERALD F. J.; Saga Of The Vacuum Tube** . 1st edition, 1977. This is the first printing of the most important work on the history of the vacuum tube. Profusely illustrated with many photos of common and very rare tubes, this has become the collector's standard when seeking info on an unusual glass piece. Now out of print and getting tough to obtain, this book is in very nice condition. 494 pages. Very Good condition. Common. Dust Jacket. $55.00

401. **VALLEY, GEORGE E. AND WALLMAN, HENRY; Vacuum Tube Amplifiers** . 1st edition, 1948. THE FAMOUS BOOK on vacuum tube amplifiers, discussing the principles of circuit design used in linear and non-linear amplifiers. It represents a compilation of work done by many in cooperative research, covering the subject extensively. 743 pages. 475 illus. Very Good condition. Scarce. $110.00

WIRELESS BOOKS<1920

402. **(TRADE CATALOG); Electro Importing Co.** . 1st edition, 1915. A seldom seen catalog by E.I. Co. presenting hundreds of items such as wireless gear, electrical and telegraph apparatus, geissler & X-Ray tubes, Tesla coils, spark gap transmitters, etc. The back cover was missing, so a color facsimile is included. 272 pages. 999 illus. Good + condition. Rare. Softcover. $70.00

403. **(TRADE CATALOG); Adams-Morgan Company Catalog # 6** . 1st edition, 1915. A rarely seen catalog by one of the most famous wireless companies in the teens. It contains all types of wireless telegraph gear including loose couplers, crystal detectors, DeForest Audion control boxes, spark transmitters, coherer receivers, Geissler & Crookes' tubes. The covers are missing, but color facsimiles are included. 216 pages. Good condition. Rare. Softcover. $55.00

404. **(TRADE CATALOG); Electro Importing Co.** . 1st edition, 1920. This is catalog #22, which I think contains the greatest color cover on a wireless catalog, depicting a topless woman in a flowing robe holding a lightbulb above a ship's wireless cabin! The catalog is in unusually nice condition, and includes much early wireless apparatus, crystal sets and spark gear. The front cover is worn along the spine. 80 pages. Good condition. Rare. $75.00

405. **BUREAU OF STANDARDS, WASHINGTON D.C.; Radio Instruments and Measurements** . 1st edition, 1919. This work is circular #74 highlighted by 224 photos and illustrations. The book is directed towards the use of early test instruments and their application in wireless repair. Includes an extensive bibliography containing 213 entries which are pre-1920. This is a seldom seen hardbound edition. 330 pages. Very Good condition. Scarce. $35.00

406. **CORBIN, T.W.; Wires and Wireless** . 2nd edition, 1914. A simple yet comprehensive description of the use of electricity in telegraphs, telephones, wireless, and the sending of pictures by wire. The front cover is illustrated with a man at work in front of a Marconi spark coil, maggie, and multiple tuner. Knight's List # 61 128 pages. 38 illus. Very Good condition. Rare. Softcover. $85.00

407. **DOWSETT, H. M.; Wireless Telegraphy And Telephony: First Priciples, Present Practice And Testing** . 1st edition, 1920. This book explains the apparatus and instruments used in 1920, showing arc & spark transmitters, crystal & valve receivers, & even direction finders. Many types of Marconi wireless gear are shown, with their respective circuit diagram and description. The best source for photos of early Marconi gear. From The Marconi Co. Library! Knights List # 76 331 pages. 305 illus. Very Good condition. Rare. $135.00

408. **GERNSBACK, S.; LESCARBOURA, A.; SECOR, H. W.; Wireless Course .** 1st edition, 1918. This wireless course consists of 20 lessons, each covering a different area of instruction. Included are spark transmitters, crystal receivers, wireless telephony and the history of wireless, highlighted by many photos and illustrations of early apparatus. Knight's List # 108 160 pages. Very Good condition. Rare. $40.00

409. **HOWGRAVE-GRAHAM, R.P.; Wireless Telegraphy .** 1st edition, 1907. A handbook on the principles of radiotelegraphy and the construction and operation of apparatus for short distance transmission. Contains a nice chapter on the Poulson system of wireless transmission, along with many illustations and photos on early equipment I've never seen before. Knight's List # 144 160 pages. 51 illus. Very Good condition. Rare. $135.00

410. **LAUER, HENRI AND BROWN, HARRY L.; Radio Engineering Principles .** 1st edition, 1920. This book was written to encompass all of the new and extensive developments made in the art of radio during the war. Contains many descriptions and illustrations of WWI Signal Corps apparatus. From the George Shiers Library. Knight List # 161 300 pages. 12 photos. 241 illus. Very Good condition. Scarce. $20.00

411. **LAUGHTER, VICTOR H.; Operator's Wireless Telegraph and Telephone Hand-Book .** 1st edition, 1909. A complete treatise on the construction and operation of the wireless telegraph and telephone. Many fine photos of wireless apparatus and wireless stations are included. The different forms of wireless telephony are well represented. 180 pages. 30 photos. 56 illus. Good + condition. Uncommon. $35.00

412. **MARCONI WIRELESS TELEGRAPH COMPANY; Traffic Rules and Regulations .** 1st edition, 1917. This rarely seen volume could be found on the desk of all Marconi wireless telegraph operators. Included are chapters on traffic, wireless apparatus, Ocean Wireless News, and the various regulations for Marconi wireless operators. Slightly stained on bottom of cover. 155 pages. Good + condition. Rare. $115.00

413. **MARCONI WIRELESS TELEGRAPH COMPANY; The Yearbook of Wireless Telegraphy and Telephony- 1917 .** 1st edition, 1917. This is the fifth yearbook published by Marconi Co., which contains an excellent record of the development of wireless from 1831-1917. A list of patents for the previous year is included, as well as a 12pg bibliography. Ship and land stations are listed in this edition. This copy is from The Marconi Wireless Telegraph Company Library!!!! 928 pages. Good + condition. Very Rare. $115.00

414. **MAVER, WILLIAM JR..; Maver's Wireless Telegraphy: Theory and Practice .** 1st edition, 1904. A comprehensive account of all systems of wireless telegraphy in use at the time. Includes many illustrations of early wireless apparatus and circuits. This much sought after volume covers detectors, tuners, spark transmitters and even wireless telephony! The first U.S. wireless tests by W.J. Clarke are discussed. Knight's list #76 205 pages. 123 illus. Very Good condition. Rare. $315.00

415. **PIERCE, GEORGE W.; Principles of Wireless Telegraphy .** 1st edition, 1910. An elementary book presenting electric waves and their application to wireless telegraphy. Contains many photos and illustrations of early wireless apparatus, especially detectors and spark gap apparatus. Knight's List # 228 350 pages. 235 illus. Good + condition. Rare. $55.00

416. **ROBISON, CAPT. S.S.; Manual Of Wireless Telegraphy 1913 .** 3rd edition, 1913. Originally designed for the use of the naval electrician, the manual provides an in-depth description of the art of wireless telegraphy before WWI. Contains many illustrations and photos of apparatus in use at that time. This desirable treatise has waterstains on the front & rear pages, but no pages were stuck together. Knight"s list # 252 241 pages. 117 illus. condition. Rare. $35.00

417. **SECOR, H. WINFIELD; Construction Of Induction Coils and Transformers** . 2nd edition, 1912. A treatise on the design and construction of Induction coils, Tesla coils, and high tension transformers for use in wireless telegraphy and X-Ray work. This book #3 of Gernsback's Electric Library. The edge of the cover has 2 small 1/2" tears. 100 pages. 72 illus. Good + condition. Rare. Softcover. $65.00

418. **U.S. SIGNAL CORPS; Radiotelegraphy** . 1st edition, 1915. A revised edition of Circular #1 presenting the basics of radio theory designed to be a part of the World War I pack sets for use in the field. Included are listings of complete pack sets, with photos of loaded mules and instructions for setting up the wireless station. A hardcover was later added, but is soiled. The contents are excellent 128 pages. 85 illus. Good + condition. Rare. $65.00

419. **WALTER, L.H.; Directive Wireless Telegraphy** . 1st edition, 1921. The theory and practice of directive wireless transmission and reception applied to their signalling and determination of direction and position on land, at sea, and in the air. One of the first books printed on the subject, including a 3 page bibliography at the rear. A seldom seen title! Knight List # 322 124 pages. 57 illus. Very Good condition. Rare. $55.00

X-RAYS

420. **(PERIODICAL); Nature Volumes 54 and 55 (1896 - 1897)** . 1st edition, 1896. These 2 volumes contain over 50 articles on Rontgen rays, presented during the first year of the famous experiments. These volumes are dated May 1896 - April 1897 & cover the most important developments of the period. Bound in 3/4 leather, the hinges are cracked & one spine is chipped. From The William Stanley Library at GE 1264 pages. Good condition. Very Rare. $245.00

421. **DOGIGLI, JOHANNES; The Magic of Rays** . 1st edition, 1961. The story of rays encompassing Max Plancks' experiments, Hertz's proof of Maxwell's theories, Rontgen's X-Ray, Marie Curie's radium and even scanning disk TV & radar in WW II, as well as other major developments. Ex-library, the dust jacket was glued down leaving a stain on the inside covers. 264 pages. 24 photos. Good + condition. Scarce. $30.00

422. **HAMMER, W.J.; Radium And Other Radio-Active Substances** . 1st edition, 1903. One of the earliest books on radium, demonstrating its effect on phosphorescent and fluoroscent substances. The properties applications of selenium and the treatment of disease by ultraviolet light are described, complemented by Ernest Ruhmer's wireless telephone and photophone system. A landmark book on the subject. Ex- Library. 72 pages. 37 illus. Good + condition. Rare. $175.00

423. **KASSABIAN, MIHRAN KRIKOR; Electro-Therapeutics And Rontgen Rays** . 1st edition, 1907. One of three outstanding textbooks of its time dealing comprehensively with radiology. This volume was published almost coincidently with the author's death of cancer at the age of 40. Large in size, it is literally loaded with photos and illustrations of early apparatus. There are even color illustrations of Queen Co. X-Ray tubes in action! 545 pages. 245 illus. Good + condition. Very Rare. $225.00

424. **LIEBHAFSKY, HERMAN A.; William David Coolidge: A Centenarian and His Work** . 1st edition, 1974. An original account of the life & works of the man responsible for many developments in the General Electric labs, especially the modern lamp filament & Coolidge X-Ray tube. This is an ex-library copy with the usual stamps and pocket in the rear. Includes a nicely illustrated dust jacket. 96 pages. 12 photos. Very Good condition. Uncommon. $20.00

425. **TERRILL, H.M. AND ULREY, C.T.; X-Ray Technology** . 1st edition, 1930. A practical overview of the X-Ray, providing an engineering approach to the subject. A considerable section is devoted to the tube as well as measurements and basic instrumentation. 256 pages. 143 illus. Very Good condition. Scarce. $25.00

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